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HEALTH DEPARTMENT OF THE CITY OF BOSTON.



3761-9
1908-1911

Statement of Deaths for the month of January, 1908.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of January, 1908 1,048.
Population estimated at 609,757. Rate per 1,000 inhabitants, 20.64.

Total number 1,048

SEX.

Males 568

Females 480

CONDITION.

Single 490

Married 345

Widowed 188

Divorced 7

Unknown 18

COLOR.

White 1,017

Black (Negro or mixed) 27

Indian —

Chinese 4

Japanese —

Total deaths of children, { Under 1 year 197
Under 2 years 256
Under 5 years 302

Diarrhœal diseases, { Under 1 year 4
Under 2 years 7
Under 5 years 8
All ages 10

NATIVITY.

United States 660

Ireland 187

England 29

Scotland 5

Germany 20

British America 74

Italy 13

Russia 17

Sweden 1

Other Countries 17

Unknown 25

PARENTAGE.

United States 275

Irish 262

English 33

Scotch 9

German 23

British American 71

Italian 56

Russian 31

Swedish 8

Other Countries 62

Mixed 72

One parent unknown 65

Unknown 86

Still-births during the month 39

1243

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1908.	AGE.																		SEX.																	
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years.	5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																	Males.	Females.																
I. General Diseases.																																					
1. Typhoid Fever	5										1		2	1		1										4	1										
2. Exanthematous typhus																																					
3. Recurrent fever																																					
4. Intermittent fever and malarial cachexia																																					
4a. Malarial cachexia																																					
5. Variola																																					
6. Measles	4	2	1	1			4																			4											
7. Scarlatina	2		1	1			2																			1	1										
8. Whooping cough	1	1					1																			1											
9. Diphtheria and croup	5	2	1	1	1		5																			5											
9a. Diphtheria	9	1	1	3			5	2	1		1															2	7										
10. Grippe	29	2					2					1	2				2		4	6	8		1	3	12	17											
11. Miliary Fever																																					
12. Asiatic Cholera																																					
13. Cholera nostras																																					
14. Dysentery	1																1									1											
14a. Dysentery, epidemic																																					
15. Pest (Plague; bubonic plague)																																					
16. Yellow fever																																					
17. Leprosy																																					
18. Erysipelas	4	2					2			1							1									2	2										
19. Other epidemic affections																																					
20. Purulent infection and septicemia	11	1	1		1		3			1	1	2	1	1	2											4	7										
21. Glanders and farcy																																					
22. Malignant pustule and charbon (anthrax)																																					
23. Rabies																																					
24. Actinomycosis, trichinosis, etc.																																					
25. Pellagra																																					
26. Tubercle of the larynx																																					
27. Tubercle of the lungs	100	2	3	4	1	1	11	1	2	8	8	12	13	9	16	6	4	1	2	2	4	1				65	35										
28. Tubercle of the meninges	12	3	2	3			8		1		1	1				1										6	6										
29. Tubercle, abdominal	3		2		1		3																			2	1										
30. Pott's diseases	1										1															1											
31. Abscess, cold and by congestion																																					
32. Tumors, white (white swellings)																																					
33. Tubercle of other organs																																					
34. Tubercle, generalized	1																1									1											
35. Scrofula																																					
36. Syphilis																																					
3. Tertiary	3									1				2												1	2										
4. Hereditary	2	2					2																			1	1										
37. Biennorrhagia of the adult																																					
38. Gonococcal infections of the child																																					
39. Cancer and other malignant tumors of the buccal cavity																																					
40. Cancer and other malignant tumors of the stomach and liver	16													1	2		2	2	1	2	3	1	1	1		8	8										

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for January, 1908.	AGE.																				SEX.						
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																				Males.	Females.					
I. General Diseases.—Concluded.																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	4																	1	1		1						3	1
42. Cancer and other malignant tumors of the genital organs of the female	10											1	3	2	1					2	1							
43. Cancer and other malignant tumors of the breast	4														2	1							1					
44. Cancer and other malignant tumors of the skin																								1				
45. Cancer and other malignant tumors of organs not specified	15											1		1	1	2	1	2	1	1	1	1	1	3			7	8
46. Other tumors (tumors of the female genital organs excepted)	1																					1						1
47. Rheumatism, acute, articular	4							1	1						1	1											2	2
48. Rheumatism, chronic, and gout.																												
49. Scorbutus	1															1												1
50. Diabetes	10											1	1							2	2	2	2				6	4
51. Goitre, exophthalmic	1										1																	1
52. Addison's disease																												
53. Leukemia	1															1											1	
54. Anemia, chlorosis	2																			1	1						1	1
55. Other general diseases																												
56. Alcoholism, acute and chronic	12											2	2	5					1	1	1						9	3
57. Saturnism																												
58. Other trade intoxications																												
59. Other chronic poisonings																												
Total general diseases	274	18	12	13	4	1	48	4	5	9	14	21	21	24	30	12	9	11	14	13	18	12	4	2	3	149	125	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis																												
61. Meningitis, simple	13	3	5	2		10				1	1						1										9	4
61a. Meningitis, epidemic cerebro-spinal	7	3	1		1	5		1		1																	1	6
62. Locomotor ataxia, progressive	1																					1					1	
63. Other diseases of the spinal cord	4														2						2					2	2	
64. Cerebral congestion and hemorrhage	49										1	1	1	1	2	1	5	3	8	8	11	2		3	2	22	27	
65. Cerebral softening																												
66. Paralysis, without cause assigned	4																	1		1	1		1				1	3
67. General paralysis	2														1					1							2	
68. Other forms of mental alienation	3													1							1		1				1	2
69. Epilepsy	3									2				1													2	1
70. Eclampsia (non-puerperal)	3	1				1								1								1					1	2
71. Convulsions of children	6	6				6																					3	3
72. Tetanus	1																		1								1	
73. Chorea																												
74. Hysteria																												
74b. Other affections of the nervous system	9	1		1		2									2	1	3	1									4	5
75. Diseases of the eye and appendages																												
76. Diseases of the ear	7	2	1	1		4	1							1						1							2	5
Total of the nervous system, etc.,	112	16	7	4	1	28	1	1	3	3	1	3	5	6	4	8	4	11	9	14	5	1	3	2	52	60		
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis	2																		1	1							1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		Total Mortality for January, 1908.	AGE.																				SEX.					
			Under 1 year. 1 years and under 2 years, 2 years and under 3 years, 3 years and under 4 years, 4 years and under 5 years, Total under 5 years, 5 years and under 10 years, 10 years and under 15 years, 15 years and under 20 years, 20 years and under 25 years, 25 years and under 30 years, 30 years and under 35 years, 35 years and under 40 years, 40 years and under 45 years, 45 years and under 50 years, 50 years and under 55 years, 55 years and under 60 years, 60 years and under 65 years, 65 years and under 70 years, 70 years and under 75 years, 75 years and under 80 years, 80 years and under 85 years, 85 years and under 90 years, 90 years and over.	Males.	Females.																							
II. Diseases of the Circulatory Apparatus.—Concluded.																												
78. Endocarditis, acute	16							2			1	2		1	4		1	1	1	1		1		6	10			
79. Organic diseases of the heart	83	2	1		1		4	1			3	4	2	3	4	8	7	7	11	11	7	6	3	2	34	4		
80. Angina pectoris	5														1			1	1	1	1				4			
81. Affections of the arteries (atheroma, aneurism, etc.)	16									1				1				2	1	3	1	4	1	1	10	6		
82. Embolism and thrombosis	2							1									1								1	1		
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																		1										
84. Affections of the lymphatic system (lymphangitis, etc.)	2										1						1								1	1		
85. Hemorrhages	3	3					3																		3			
86. Other affections of the circulatory appa- ratus																												
Total of circulatory apparatus	129	5	1		1		7	4			1	4	7	3	4	10	8	10	12	15	16	9	11	4	3	1	60	69
IV. Diseases of the Respiratory Apparatus.																												
87. Diseases of the nasal fossae	3	1		1			2							1											3			
88. Affections of the larynx																												
89. Affections of the thyroid body																												
90. Bronchitis, acute	39	21	4				25										1	3	1	2	1	3	2	1		19	20	
91. Bronchitis, chronic	2																	2							2			
92. Broncho pneumonia	38	18	8	2	1	1	30							1				1	1	1	1	1	2			16	22	
93. Pneumonia	127	19	19	5	3	3	49			1	1	8	10	11	4	8	6	4	2	9	6	5	1	2		73	54	
94. Pleurisy	3				1	1				1				1											3			
95. Pulmonary congestion and apoplexy . .	2		1			1																	1		1	1		
96. Gangrene of the lung	1	1				1																				1		
97. Asthma																												
98. Emphysema, pulmonary	1				1	1																			1			
99. Other diseases of the respiratory appa- ratus (phthisis excepted)	2	1				1											1								1	1		
Total respiratory apparatus	218	61	32	8	6	4	111			2	1	8	10	13	5	8	8	10	4	12	8	9	5	4		119	99	
V. Diseases of the Digestive Apparatus.																												
100. Affections of the mouth and its adnexa																												
101. Affections of the pharynx																												
102. Affections of the esophagus																												
103. Ulcer of the stomach	1															1									1			
104. Other affections of the stomach (cancer excepted)	7	1	1	1			3				1	1			1				1						2	5		
105. Diarrhœa and enteritis (under two years)	7	4	3				7																		6	1		
105a. Diarrhœa and enteritis, chronic . . .	1																				1				1			
106. Diarrhœa and enteritis (two years and over)	1				1	1																			1			
107. Parasites, intestinal																												
108. Hernia, intestinal obstructions . . .	11	1				1		1				1	2	1	1			1	1		1	1			8	3		
109. Other affections of the intestines . .																												
110. Icterus, grave																												
111. Hydatid tumors of the liver																												
112. Cirrhosis of the liver	9									1					2	4		1			1				7	2		
113. Biliary calculi	6											1		1	1	1		1	1						3	3		
114. Other affections of the liver	3	1				1												1					1		2	1		
115. Affections of the spleen	1																			1					1			

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH		Total Mortality for January, 1908.	AGE.																			SEX.					
			Under 1 year. 1 year and under 2 years, 2 years and under 3 years, 3 years and under 4 years, 4 years and under 5 years, Total under 5 years. 5 years and under 10 years, 10 years and under 15 years, 15 years and under 20 years, 20 years and under 25 years, 25 years and under 30 years, 30 years and under 35 years, 35 years and under 40 years, 40 years and under 45 years, 45 years and under 50 years, 50 years and under 55 years, 55 years and under 60 years, 60 years and under 65 years, 65 years and under 70 years, 70 years and under 75 years, 75 years and under 80 years, 80 years and under 85 years, 85 years and under 90 years, 90 years and over.																			Males.	Females.				
V. Diseases of the Digestive Apparatus.—Concluded.																											
116.	Peritonitis, simple (puerperal excepted),	2													1						2						
117.	Other affections of the digestive apparatus (cancer and tubercle excepted),	1													1						1						
118.	Appendicitis and abscess of the iliac fossa	16						2	1	3	1	3		1	1	2	1	1			7	9					
Total digestive apparatus		66	7	4	1	1		13	2	2	3	2	4	2	4	5	11	3	3	2	3	40	26				
VI. Diseases of the Genito-Urinary Apparatus and Its Adnexa.																											
119.	Nephritis, acute	29	1					1	2	1		1	3		2	4	3	1	3	2	3	1	1	1	16	13	
120.	Bright's disease	37	1					1					2	2	5		2	7	7	1	5	2	2	1		18	19
121.	Other diseases of the kidneys and their adnexa	1																				1				1	
122.	Calculi of the urinary tract	1																			1					1	
123.	Diseases of the bladder	2																		1				1		1	
124.	Diseases of the urethra, urinary abscess, etc.																							1			
125.	Diseases of the prostate	2																		1			1			2	
126.	Non-venereal diseases of the male genital organs																										
127.	Metritis																										
128.	Hemorrhage, uterine, non-puerperal																										
129.	Tumor, uterine, non-cancerous																										
130.	Other diseases of the uterus																										
131.	Cysts and other tumors of the ovary	4										1		1	1				1							4	
132.	Other diseases of the female genital organs	1										1														1	
133.	Diseases of the breast, non-puerperal (cancer excepted)																										
Total of genito-urinary		77	2					2	2	1		2	6	2	8	5	5	8	10	6	9	4	4	3		39	38
VII. Puerperal State.																											
134.	Accidents of pregnancy	1													1											1	
135.	Hemorrhage, puerperal	2												1	1											2	
136.	Other accidents of labor																										
137.	Septicemia, puerperal	2										1			1											2	
138.	Albuminuria and puerperal eclampsia,	1												1												1	
139.	Phlegmasia alba dolens, puerperal																										
140.	Other puerperal accidents—sudden death																										
141.	Puerperal diseases of the breast																										
Total puerperal		6										1		2	3											6	
VIII. Diseases of the Skin and Cellular Tissue.																											
142.	Gangrene	1																				1				1	
143.	Furuncle (carbuncle)	1	1					1																		1	
144.	Phlegmon, warm abscess																										
145d.	Other diseases of the skin and its adnexa	2	1					1	1																	2	
Total skin tissue		4	2					2	1														1			3	1
IX. Diseases of the Organs of Locomotion.																											
146.	Affections of the bones (non-tuberculous).	1										1														1	
147.	Arthritis and other affections of the articulations (tubercle and rheumatism excepted)																										
148.	Amputation																										

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1906.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs, locomotion	1								1																	1	
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	12	12				12																				8	4
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	72	72				72																				46	26
152. Other diseases appertaining to infancy.																											
153. Lack of care																											
Total early infancy	72	72				72																				46	26
XII. Old Age.																											
154. Senile debility	19																		2	1	4	7	4	1		9	10
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	2										1		1													1	1
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms	4								1	1					1		1									4	
160. Suicide by cutting instruments	2													1		1										2	
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	3									1					1				1							1	2
165a. Luxations																											
166. Other accidental traumatism	16								1	1	1	4		2	2	2	1				1	1				12	4
167. Burns and scalds	5	1	1			2		1				1				1										2	3
168. Burns by corrosive substances	1										1															1	
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)	3																1		1		1					2	1
175. Other acute poisonings	3	1				1				1					1											3	
176. Other external violence	5	1				1		1		1	1					1										3	2
Total affections, etc.	44	2	2			4		3	2	2	9	2	2	4	6	4	1	1	1		2	1				31	13
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	14	1	2		3		1	1	1	1			1	1	1	2		1						1		11	3
Total ill-defined diseases	14	1	2		3		1	1	1	1			1	1	1	2		1						1		11	3
Total from all causes.	1048	197	59	26	16	6	302	14	13	21	30	57	46	63	66	53	51	53	53	66	58	49	27	17	7	568	480

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses, including four or more families, 5,696. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JANUARY, 1908, AND FOR THE CORRESPONDING MONTH IN 1907.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JAN., 1908.	JAN., 1907.	JAN., 1908.	JAN., 1907.		JAN., 1908.	JAN., 1907.	JAN., 1908.	JAN., 1907.
Cholera	—	—	—	—	Measles	343	77	—	—
Chicken-pox	73	87	—	—	Scarlatina	250	519	1	—
Cerebro-spinal Meningitis . .	11	13	—	—	Smallpox	—	—	—	—
Diphtheria and Croup . . .	238	266	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	17	21	—	—
Tuberculosis	239	204	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	3,528	Cattle condemned, 19	9,404 lbs.
Calves "	463	Calves " — — — "	
Sheep "	23	Sheep " — — — "	
Hogs "	5,550	Hogs " 4 and parts, 537 "	

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 899 lbs.	33 lbs.	Miscellaneous . 1 bush.
" (tainted) 10 "		Fruit 4 "
Poultry " 420 "		
Mutton " — "		
Beef " 54 "		
Pork " 94 "		
Rabbits " 13 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined . . .	Milk from Stores . . .	592
" "	" " Wagons	522
" "	" brought in by Citizens . .	23
" "	" for bacteriological examination,	505
" "	Vinegar	85
" "	Butter and Cheese	102
	Total Samples,	1,829

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis . .	126
	Positive for release . . .	104
	Negative for diagnosis . .	716
	Negative for release . . .	280
	"No growth" cultures . .	10 . 1,245
TUBERCULOSIS:	Positive	113
	Negative	306
	Unsatisfactory	419
TYPHOID:	Positive	11
	Negative	61
	Unsatisfactory	3 . 75

GLANDERS:	Positive	16
	Negative	12
	Unsatisfactory	28
Other examinations:*	Positive	12
	Negative	41
	Unsatisfactory	1 . . 54
BACTERIOLOGICAL MILK EXAMINATIONS		505
Total		2,326

* Rabies, Malaria, Ophthalmia, Streptococci, Pneumococci, Gonorrhea, Genito-Urinary T. B., T. B. Fluid, Influenza, K. L. Virulence, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of January, 1908, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.02	40	52	S.W.	0	Mean Barometer, 29.94.
2	30.12	36	54	W.	0	Highest Barometer, 30.57 on the 20th.
3	30.27	30	52	N.W.	0	Lowest Barometer, 29.12 on the 27th.
4	29.90	32	81	S.W.	.01	Monthly Range of Barometer, 1.45.
5	29.76	28	63	N.W.	0	Mean Temperature, 31.0°
6	30.06	26	46	S.W.	0	Highest Temperature, 57° on the 21st.
7	29.55	41	88	E. & S.W.	.95	Lowest Temperature, 1° on the 30th.
8	29.39	44	70	S.W.	0	Monthly Range of Temperature, 56°.
9	29.78	32	72	W.	*T	Greatest Daily Range of Temperature, 30° on the 20th.
10	30.31	25	58	W.	0	Least Daily Range of Temperature, 7° on the 18th.
11	30.38	35	65	S.	.33	Mean Daily Range of Temperature, 17.1°.
12	29.49	39	94	E.	.32	Mean Daily Dew-point, 19.2.
13	29.24	42	82	S.W.	.32	Mean Daily Relative Humidity, 63.4.
14	29.74	28	48	W.	0	Prevailing Direction of Wind, W.
15	30.24	26	61	W.	0	Total Movement of Wind, 10,329 miles.
16	29.86	34	55	S.W.	*T	Highest Velocity of Wind and Direction, 48—S.W. on the 7th.
17	30.22	27	55	S.W.	0	Number of Foggy Days, 1.
18	29.98	36	63	S.W.	0	Number of Clear Days, 14.
19	30.32	24	34	N.W.	0	Total Number of Days on which Rain or Snow fell, 8.
20	30.34	27	64	S.W.	0	Depth of Unmelted Snow on ground at end of month, 0.4.
21	30.02	48	58	S.W.	0	Dates of Auroras, none.
22	29.78	44	60	W.	0	Dates of Lunar Halos, 11th, 15th, 17th.
23	30.16	32	52	N.E.	.02	Dates of Solar Halos, none.
24	29.84	22	88	N.	.26	Dates of Frosts, none.
25	29.74	24	55	W.	0	Mean Maximum Temperature, 39.6.
26	29.80	30	75	S. & S.W.	0	Mean Minimum Temperature, 22.5.
27	29.34	36	56	W.	.41	MEAN TEMPERATURE for this month is
28	29.99	28	74	W.	0	Total Precipitation for this Month in inches.
29	30.00	28	74	S.W. & N.W.	.17	1871 26
30	30.34	6	46	N.W.	0	1872 27
31	30.50	10	44	W.	0	1873 25
TOTALS.....	—	—	—	—	2.47	1874 30
MEANS.....	29.94	31.0	63.4	W.	.080	1875 20
						1876 31
						1877 25
						1878 28
						1879 24
						1880 35
						1881 22
						1882 26
						1883 24
						1884 27
						1885 27
						1886 26
						1887 25
						1888 20
						1889 36
						1890 32
						1891 31
						1892 28
						1893 21
						1894 30
						1895 29
						1896 25
						1897 28
						1898 29
						1899 29
						1900 30
						1901 28
						1902 27
						1903 27
						1904 22
						1905 25
						1906 36
						1907 27
						1908 31

Average mean temperature for 88 years, 27°. Average monthly precipitation for 38 years, 3.73 inches. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of February, 1908.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of February, 1908 977.
Population estimated at 609,757. Rate per 1,000 inhabitants, 19.23.

Total number	977	NATIVITY.		United States	615	
SEX.				Ireland	154	
Males	521			England	17	
Females	456			Scotland	5	
CONDITION.				Germany	21	
Single	483			British America	82	
Married	313			Italy	21	
Widowed	158			Russia	17	
Divorced	6			Sweden	9	
Unknown	17			Other Countries	10	
COLOR.				Unknown	26	
White	947	PARENTAGE.		United States	225	
Black (Negro or mixed)	30			Irish	253	
Indian	—			English	20	
Chinese	—			Scotch	6	
Japanese	—			German	26	
Total deaths of children,	Under 1 year	198			British American	64
	Under 2 years	245			Italian	66
	Under 5 years	281			Russian	28
Diarrhœal diseases,	Under 1 year	8			Swedish	10
	Under 2 years	10			Other Countries	69
	Under 5 years	11			Mixed	73
	All ages	15			One parent unknown	60
				Unknown	77	
				Still-births during the month	49	

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1908.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																													
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	12														1	2	2		5	1	1						6	6	
42. Cancer and other malignant tumors of the genital organs of the female . . .	5														1	2	2												
43. Cancer and other malignant tumors of the breast . . .	3												1			1			1									3	
44. Cancer and other malignant tumors of the skin . . .	8															1		1			1						1	2	
45. Cancer and other malignant tumors of organs not specified . . .	14												1	2	1	2		3	1	3	1						3	11	
46. Other tumors (tumors of the female genital organs excepted) . . .																													
47. Rheumatism, acute, articular . . .	4	1					1						1	1	1												2	2	
48. Rheumatism, chronic, and gout . . .																													
49. Scorbutus . . .	1	1					1																					1	
50. Diabetes . . .	11												1	2	1		2	1	1	1			1	1			5	6	
51. Goitre, exophthalmic . . .																													
52. Addison's disease . . .	2																1	1										2	
53. Leukemia . . .																													
54. Anemia, chlorosis . . .	2							1											1								1	1	
55. Other general diseases . . .																													
56. Alcoholism, acute and chronic . . .	6												2	2	1		1										4	2	
57. Saturnism . . .																													
58. Other trade intoxications . . .																													
59. Other chronic poisonings . . .																													
Total general diseases . . .	235	14	10	8	2	5	39	10	1	8	14	11	20	17	13	19	20	18	11	17	5	7	3	2		122	113		
II. Diseases of the Nervous System and of the Organs of Sense.																													
60. Encephalitis . . .																													
61. Meningitis, simple . . .	19	7	2		1		10	1	2	1	1	1	1			2											11	8	
61a. Meningitis, epidemic cerebro spinal . . .	7	1		1	2	1	5					1			1												3	4	
62. Locomotor ataxia, progressive . . .	5												1		1	1	1		1								4	1	
63. Other diseases of the spinal cord . . .	5							1							1	1	1		1								2	3	
64. Cerebral congestion and hemorrhage . . .	50												1	3	4	7	3	6	8	7	6	3	2			20	30		
65. Cerebral softening . . .	2																			1	1						2		
66. Paralysis, without cause assigned . . .	4													1		1				1	1						2	2	
67. General paralysis . . .	5													1		1	1		1				1				3	2	
68. Other forms of mental alienation . . .	2																1		1									2	
69. Epilepsy . . .																													
70. Eclampsia (non-puerperal) . . .	1	1					1																					1	
71. Convulsions of children . . .	8	7	1				8																					4	4
72. Tetanus . . .																													
73. Chorea . . .																													
74. Hysteria . . .	1															1												1	
74b. Other affections of the nervous system . . .	4							1						1	2												1	3	
75. Diseases of the eye and appendages . . .																													
76. Diseases of the ear . . .	1													1														1	
Total of the nervous system, etc., . . .	114	16	3	1	3	1	24	2	3	1	1	3	1	4	8	8	14	4	7	11	9	8	3	3		54	60		
III. Diseases of the Circulatory Apparatus.																													
77. Pericarditis . . .	1																			1								1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for February, 1908.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	12								2	1	1	1					2	2	1	1		1				4	8
79. Organic diseases of the heart	86	1			1	2		1	3	1	3	1	2	8	7	5	9	16	8	5	7	4	3	1		55	1
80. Angina pectoris	4																		2	1	1					4	
81. Affections of the arteries (atheroma, aneurism, etc.)	10											1					3			3	1		1	1		8	2
82. Embolism and thrombosis	5	1				1					1										1						3
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)	1	1				1																				1	
85. Hemorrhages	3	2	1			3																				3	
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	120	3	3			1	7		1	3	3	3	3	4	9	7	5	14	19	11	10	10	5	4	2	76	44
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	24	13	1			1	15				1				1		1			2	3	1				13	11
91. Bronchitis, chronic	4													1						2			1			4	
92. Broncho-pneumonia	44	28	7	1	1	37	1							1		1		2		1	1					18	26
93. Pneumonia	117	19	16	3	1	2	41	1	1		4	3	8	3	6	7	4	10	9	6	3	6	3	1	1	65	92
94. Pleurisy	4						1						1		1	1										3	1
95. Pulmonary congestion and apoplexy .	4		1				1									2				1						2	2
96. Gangrene of the lung																											
97. Asthma	2																	1		1						1	1
98. Emphysema, pulmonary	1										1															1	
99. Other diseases of the respiratory apparatus (phthisis excepted)	5	1					1				1		1													3	
Total respiratory apparatus	205	62	24	4	2	3	95	3	1		5	5	8	5	8	11	6	10	13	6	10	10	4	2	1	106	97
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa																											
101. Affections of the pharynx	1																1									1	
102. Affections of the esophagus																											
103. Ulcer of the stomach	1									1																1	
104. Other affections of the stomach (cancer excepted)	5	5					5						1				2				1					5	4
105. Diarrhœa and enteritis (under two years)	10	8	2				10																			5	5
105a. Diarrhœa and enteritis, chronic . . .	3										1					1			1							1	2
106. Diarrhœa and enteritis (two years and over)	2			1			1									1										1	1
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions . . .	13	6					6	1	1		1	1	1	1			1			1		1				8	5
109. Other affections of the intestines . .	3												1	1							1					1	2
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	7												1	1	2			1		1	1					6	2
113. Biliary calculi	3																1		1			1				3	
114. Other affections of the liver	5										1						2			2						1	4
115. Affections of the spleen	1	1					1																			1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for February, 1908.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
V. Diseases of the Digestive Apparatus.																												
<i>—Concluded.</i>																												
116. Peritonitis, simple (puerperal excepted),	3													1		1	1										1	2
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																												
118. Appendicitis and abscess of the illac fossa	5			1			1	1	1		1			1													2	3
Total digestive apparatus	66	19	3	1	1		24	2	2		2	3	1	4	5	6	3	4	5	1	2	3					33	33
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																												
119. Nephritis, acute	24		1			1					1	2	1		3	2	3	1	3	2	4	1					7	17
120. Bright's disease	23										1	3	1	2	1	3	2	4	2	2	2						10	13
121. Other diseases of the kidneys and their adnexa	1															1											1	
122. Calculi of the urinary tract	1															1												1
123. Diseases of the bladder	2													1						1							2	
124. Diseases of the urethra, urinary abscess, etc.																												
125. Diseases of the prostate	4															1		1		1		1				4		
126. Non-venereal diseases of the male genital organs																												
127. Metritis																												
128. Hemorrhage, uterine, non-puerperal																												
129. Tumor, uterine, non-cancerous	3											1			1			1									3	
130. Other diseases of the uterus																												
131. Cysts and other tumors of the ovary	2									1			1															2
132. Other diseases of the female genital organs																												
133. Diseases of the breast, non-puerperal (cancer excepted)																												
Total of genito-urinary	60	1				1				1	2	6	3	3	5	8	5	7	5	6	6	2					24	36
VII. Puerperal State.																												
134. Accidents of pregnancy	1									1																		1
135. Hemorrhage, puerperal																												
136. Other accidents of labor																												
137. Septicemia, puerperal	3								1	1				1														
138. Albuminuria and puerperal eclampsia,	1												1															
139. Phlegmasia alba dolens, puerperal																												
140. Other puerperal accidents—sudden death																												
141. Puerperal diseases of the breast																												
Total puerperal	5									1	2			1	1													5
VIII. Diseases of the Skin and Cellular Tissue.																												
142. Gangrene	2													1							1						1	1
143. Furuncle (carbuncle)	1																	1									1	
144. Phlegmon, warm abscess																												
145. Other diseases of the skin and its adnexa	2												1								1						1	1
Total skin tissue	5													1	1			1			2						3	2
IX. Diseases of the Organs of Locomotion.																												
146. Affections of the bones (non-tuberculous)	1																				1							1
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted)																												
148. Amputation																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1908.		AGE.																								SEX.		
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																													
149. Other affections of the organs of locomotion																													
Total organs, locomotion																													
X. Malformations.																													
150. Malformations, congenital (still-births excepted)																													
XI. Early Infancy.																													
151. Congenital debility, icterus and sclerema																													
152. Other diseases appertaining to infancy,																													
153. Lack of care																													
Total early infancy																													
XII. Old Age.																													
154. Senile debility																													
XIII. Affections Produced by External Causes.																													
155. Suicide by poison																													
156. Suicide by asphyxia																													
157. Suicide by hanging or strangulation																													
158. Suicide by submersion																													
159. Suicide by firearms																													
160. Suicide by cutting instruments																													
161. Suicide by jumping from high places																													
162. Suicide by crushing																													
163. Other suicides																													
164. Fractures																													
165a. Luxations																													
166. Other accidental traumatism																													
167. Burns and scalds																													
168. Burns by corrosive substances																													
169. Insolation																													
170. Freezing																													
171. Electrical disturbances																													
172. Accidental submersion																													
173a. Inanition																													
174. Absorption of deleterious gases (suicide excepted)																													
175. Other acute poisonings																													
176. Other external violence																													
Total affections, etc.																													
XIV. Ill-defined Diseases.																													
177. Dropsy																													
178. Sudden death																													
179. Non-specified or ill-defined causes of death																													
Total ill-defined diseases																													
Total from all causes,																													

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses, including four or more families, 5,696. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF FEBRUARY, 1908, AND FOR THE CORRESPONDING MONTH IN 1907.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	FEB., 1908.	FEB., 1907.	FEB., 1908.	FEB., 1907.		FEB., 1908.	FEB., 1907.	FEB., 1908.	FEB., 1907.
Cholera	—	—	—	—	Measles	522	49	1	—
Chicken-pox	94	74	—	—	Scarlatina	307	229	1	—
Cerebro-spinal Meningitis	14	14	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	183	173	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	37	14	—	—
Tuberculosis	198	170	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,705	Cattle condemned, 14	6,699 lbs.
Calves "	550	Calves " — — —	"
Sheep "	86	Sheep " — — —	"
Hogs "	3,980	Hogs " 3 and parts, 462	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 240 lbs.	10 lbs.	Miscellaneous . ½ bush.
" (tainted) — "		Fruit . . . 7 "
Poultry " 789 "		
Mutton " — "		
Beef " — "		
Pork " 75 "		
Rabbits " 100 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	658
" "	" " Wagons	424
" "	" brought in by Citizens	23
" "	" for bacteriological examination, 555	
" "	Vinegar	122
" "	Butter and Cheese	39
	Total Samples,	1,821

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	102
	Positive for release	85
	Negative for diagnosis	691
	Negative for release	167
	"No growth" cultures	8 . 1,053
TUBERCULOSIS:	Positive	97
	Negative	317
	Unsatisfactory	— . 414
TYPHOID:	Positive	18
	Negative	66
	Unsatisfactory	1 . 85

GLANDERS:	Positive	9
	Negative	16
	Unsatisfactory	2 . . 27
Other examinations:	* Positive	18
	Negative	29
	Unsatisfactory	2 . . 49
BACTERIOLOGICAL MILK EXAMINATIONS	555	555
Total		2,183

* Malaria, Rabies, Ophthalmia, Gonorrhoea, Pneumococci, Influenza, K. L. Virulence, T. B. Fluid, T. B. Smear, Aureus, Actinomyces, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of February, 1908, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.52	32	88	S.E.*	.50	Mean Barometer, 30.04
2	29.59	23	60	W.	.02	Highest Barometer, 30.76 on the 10th.
3	30.00	19	60	S.W.	*T	Lowest Barometer, 29.01 on the 1st.
4	30.43	6	50	N.W.	0	Monthly Range of Barometer, 1.75.
5	30.58	8	71	N.W.	*T	Mean Temperature, 26.7°.
6	29.90	30	92	S.E.	.26	Highest Temperature, 60° on the 15th.
7	29.99	24	56	W.	0	Lowest Temperature, 2° on the 5th.
8	30.32	8	44	N.W.	0	Monthly Range of Temperature, 62°.
9	30.09	10	52	N.W.	0	Greatest Daily Range of Temperature, 33° on the 1st.
10	30.67	23	54	S.W.	0	Least Daily Range of Temperature, 5° on the 26th.
11	30.50	33	50	N.	0	Mean Daily Range of Temperature, 15.6°.
12	30.70	26	68	N.	0	Mean Daily Dew-point, 16.2.
13	30.40	34	89	S.W.	.20	Mean Daily Relative Humidity, 65.8.
14	29.96	44	96	E.	.05	Prevailing Direction of Wind, N.W.
15	29.24	50	90	S.W.	.45	Total Movement of Wind, 8,692 miles.
16	29.60	40	52	W.	0	Highest Velocity of Wind and Direction, 43—S.E. on the 1st.
17	29.90	30	50	W.	*T	Number of Foggy Days, 3. Number of Fair Days, 9.
18	30.28	23	42	N.W.	0	Number of Clear Days, 11. Number of Cloudy Days, 9.
19	29.98	28	80	E.	.84	Total Number of Days on which Rain or Snow fell, 10.
20	29.66	31	71	N.W.	0	Depth of Unmelted Snow on ground at end of month, T.
21	30.00	30	62	S.W.	0	Dates of Auroras, none. Dates of Lunar Halos, 10, 12, 16, 18.
22	29.80	30	56	N.W.	0	Dates of Solar Halos, 23. Thunder Storms, none.
23	29.88	20	56	N.W.	0	Dates of Frosts, none.
24	30.26	23	59	N.	0	Mean Maximum Temperature, 34.5. Mean Minimum Temperature, 18.9.
25	30.43	24	68	N.W.	0	MEAN TEMPERATURE for this month in
26	29.86	36	94	S.E.	.46	Total Precipitation for this Month in Inches
27	29.54	38	84	N.	.13	1871 2.63
28	30.76	30	59	W.	0	1872 2.81
29	30.06	25	54	N.W.	0	1873 3.21
30	—	—	—	—	—	1874 3.41
31	—	—	—	—	—	1875 3.76
TOTALS	—	—	—	—	2.96	1876 4.54
MEANS	30.04	26.7	65.8	N.W.	—	1877 0.45
						1878 4.40
						1879 4.35
						1880 4.11
						1881 4.89
						1882 4.77
						1883 2.74
						1884 5.74
						1885 3.00
						1886 7.04
						1887 3.69
						1888 2.36
						1889 1.74
						1890 2.29
						1891 3.66
						1892 2.15
						1893 6.22
						1894 3.15
						1895 1.11
						1896 3.94
						1897 2.12
						1898 4.81
						1899 3.03
						1900 6.83
						1901 0.66
						1902 4.19
						1903 3.20
						1904 2.49
						1905 1.59
						1906 2.66
						1907 1.88
						1908 2.96

Average mean temperature for 38 years, 26°. Average monthly precipitation for 38 years, 3.39 inches. *T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of March, 1908.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of March, 1908 1,072.
Population estimated at 609,757. Rate per 1,000 inhabitants, 21.10.

Total number	1,072	NATIVITY.	
SEX.		United States	676
Males	590	Ireland	174
Females	482	England	24
CONDITION.		Scotland	10
Single	513	Germany	15
Married	327	British America	69
Widowed	205	Italy	21
Divorced	2	Russia	23
Unknown	25	Sweden	5
COLOR.		Other Countries	20
White	1,041	Unknown	35
Black (Negro or mixed)	29	PARENTAGE.	
Indian	—	United States	243
Chinese	2	Irish	293
Japanese	—	English	20
Total deaths of children, {		Scotch	20
		German	24
		British American	55
Under 1 year	208	Italian	53
Under 2 years	255	Russian	59
Under 5 years	300	Swedish	3
Diarrhæal diseases, {		Other Countries	64
		Mixed	75
		One parent unknown	69
		Unknown	94
Under 1 year	5	Still-births during the month	53
Under 2 years	8		
Under 5 years	9		
All ages	13		

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																												SEX.		
	Total Mortality for March, 1908.																					Males.	Females.								
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.			75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.				
I. General Diseases.																															
1. Typhoid Fever	3									1				1				1											3		
2. Exanthematous typhus																															
3. Recurrent fever																															
4. Intermittent fever and malarial cachexia	1																			1									1		
4a. Malarial cachexia																															
5. Variola																															
6. Measles	4	2	1	1		4																							3	1	
7. Scarlatina	7	1			4	1	6						1																5	2	
8. Whooping cough	2	1			1		2																						1	1	
9. Diphtheria and croup	1							1																					1		
9a. Diphtheria	15	1	4	4	1		10	3		1			1																6	9	
10. Grippe	7	1					1	1				1						1		2				1					4	3	
11. Miliary Fever																															
12. Asiatic Cholera																															
13. Cholera nostras																															
14. Dysentery	1																	1												1	
14a. Dysentery, epidemic																															
15. Pest (Plague; bubonic plague)																															
16. Yellow fever																															
17. Leprosy																															
18. Erysipelas	11	4				4							1					2		1	2	1							8	3	
19. Other epidemic affections																															
20. Purulent infection and septicaemia	8							1	1		1		1	1	1	1	1		1										6	2	
21. Glanders and farcy																															
22. Malignant pustule and charbon (anthrax)																															
23. Rabies																															
24. Actinomycosis, trichinosis, etc.																															
25. Pellagra																															
26. Tubercle of the larynx	1												1																1		
27. Tubercle of the lungs	120		2	1	2	2	7	3				7	15	13	18	15	11	13	6	7	2			1	1	1			69	51	
28. Tubercle of the meninges	8	3	2	1			6		1						1														5	3	
29. Tubercle, abdominal	5		2	1			3		1									1												5	
30. Pott's diseases																															
31. Abscess, cold and by congestion																															
32. Tumors, white (white swellings)	1							1																						1	
33. Tubercle of other organs	2												1	1															2		
34. Tubercle, generalized	2				1		1								1														1	1	
35. Scrofula																															
36. Syphilis																															
3. Tertiary	1																1													1	
4. Hereditary	7	5	2				7																							2	5
37. Bleorrhagia of the adult																															
38. Gonococcal infections of the child																															
39. Cancer and other malignant tumors of the buccal cavity	2																			1					1					2	
40. Cancer and other malignant tumors of the stomach and liver	27													1			3	4	9	5	2	1	1				1		16	11	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 188	AGE.																			SEX.							
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																								
I. General Diseases.—Concluded.																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	10																	1	3	2		3	1			5	5	
42. Cancer and other malignant tumors of the genital organs of the female . . .	7													1				2		2	1		1				7	
43. Cancer and other malignant tumors of the breast . . .	4																	1				1	1	1			4	
44. Cancer and other malignant tumors of the skin . . .	3																			1		2					1	2
45. Cancer and other malignant tumors of organs not specified . . .	12																	2	1	2	2	1	2	1		1	5	7
46. Other tumors (tumors of the female genital organs excepted) . . .																												
47. Rheumatism, acute, articular . . .	5									1									2	1	1						3	2
48. Rheumatism, chronic, and gout . . .																												
49. Scorbutus . . .	1	1					1																				1	
50. Diabetes . . .	13																		3	1	1	1	1	2	4		3	10
51. Goltre, exophthalmic . . .																												
52. Addison's disease . . .	1	1					1																				1	
53. Leukemia . . .	2												1								1						2	
54. Anemia, chlorosis . . .	4		1			1					2			1													2	2
55. Other general diseases . . .																												
56. Alcoholism, acute and chronic . . .	10										1	2	3		2	1							1				7	3
57. Saturnism . . .																												
58. Other trade intoxications . . .																												
59. Other chronic poisonings . . .																												
Total general diseases . . .	308	19	14	9	9	3	54	8	4	11	16	22	27	19	18	24	24	25	20	11	10	11	3	1		165	143	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis . . .	2		1	1			2																				1	1
61. Meningitis, simple . . .	20	7	2	1			10	4			2	1		1	1		1									12	8	
61a. Meningitis, epidemic cerebro-spinal . .	9	2	2				4	3	1	1																	7	2
62. Locomotor ataxia, progressive . . .	1																1										1	
63. Other diseases of the spinal cord . . .	6	1					1						1			1	3									4	2	
64. Cerebral congestion and hemorrhage . .	46	3					3				1		1	1	1	5	6	6	7	6	1	4	4			27	19	
65. Cerebral softening . . .																												
66. Paralysis, without cause assigned . . .	2																				1			1		1	1	
67. General paralysis . . .	5																		2	1	2					3	2	
68. Other forms of mental alienation . . .																												
69. Epilepsy . . .	4										1						1	1				1				3	1	
70. Eclampsia (non-puerperal) . . .	2	2					2																			1	1	
71. Convulsions of children . . .	13	13					13																			10	3	
72. Tetanus . . .																												
73. Chorea . . .																												
74. Hysteria . . .																												
74b. Other affections of the nervous system .	2							1		1																1	1	
75. Diseases of the eye and appendages . .	1		1				1																			1		
76. Diseases of the ear . . .	3		1	1	1		3																			1	2	
Total of the nervous system, etc., . . .	116	28	6	4	1		39	8	1	1	3	3	1	2	2	3	10	9	7	9	7	2	4	5		73	43	
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis . . .	2												1								1					1	1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																											SEX.	
	Total Mortality for March, 1892.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory Apparatus. — Concluded.																													
78. Endocarditis, acute	9	1				1	1			1	2	2				1				1		1				5	3		
79. Organic diseases of the heart	101	2	1			3	1	3	1	3	3	3	6	5	13	11	17	10	13	4	2	2	1			51			
80. Angina pectoris	2																						2			2			
81. Affections of the arteries (atheroma, aneurism, etc.)	22										1		1	1	5	2	3	4	3	1	1				16	6			
82. Embolism and thrombosis	4									1					1			1	1							4			
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																													
84. Affections of the lymphatic system (lymphangitis, etc.)	4	2				2						1		1												3	1		
85. Hemorrhages	7	7				7																				5	2		
86. Other affections of the circulatory apparatus																													
Total of circulatory apparatus	151	12	1			13	1	4	1	5	4	6	9	6	16	17	19	15	19	7	5	3	1			83	68		
IV. Diseases of the Respiratory Apparatus.																													
87. Diseases of the nasal fossæ																													
88. Affections of the larynx	1			1		1																				1			
89. Affections of the thyroid body	2									1					1												2		
90. Bronchitis, acute	15	8	1			9	1							1		1		1		2						6	9		
91. Bronchitis, chronic	3																2	1								1	2		
92. Broncho-pneumonia	32	13	8	2	1	24	1							1		1	1			1	2	1				15	17		
93. Pneumonia	106	24	7	4	2	1	38	3	3	3	1	2	6	4	7	5	2	4	4	7	9	6	1			51	35		
94. Pleurisy	4													1			2						1			2	2		
95. Pulmonary congestion and apoplexy																													
96. Gangrene of the lung																													
97. Asthma	2																1				1					1	1		
98. Emphysema, pulmonary																													
99. Other diseases of the respiratory apparatus (phthisis excepted)	2										1						1									2			
Total respiratory apparatus	167	45	16	6	3	2	72	5	3	3	2	1	2	7	4	9	7	3	12	5	8	10	11	3			79	88	
V. Diseases of the Digestive Apparatus.																													
100. Affections of the mouth and its adnexa																													
101. Affections of the pharynx	1														1											1			
102. Affections of the esophagus																													
103. Ulcer of the stomach																													
104. Other affections of the stomach (cancer excepted)	5	1		1	1	2														1	1	1					5		
105. Diarrhœa and enteritis (under two years)	8	5	3			8																					1	4	
105a. Diarrhœa and enteritis, chronic	3																				2	1					1	2	
106. Diarrhœa and enteritis (two years and over)	2		1			1							1														2		
107. Parasites, intestinal																													
108. Hernia, intestinal obstructions	4	1				1	1														2					3	1		
109. Other affections of the intestines	1	1				1																					1		
110. Icterus, grave																													
111. Hydatid tumors of the liver																													
112. Cirrhosis of the liver	10						1						1	1	2	2				1	2					7	3		
113. Biliary calculi	5							1				1			1	1	1										1	4	
114. Other affections of the liver	5											1	1		1	1						1					1	4	
115. Affections of the spleen	1														1												1		

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for March, 1908.	AGE.																	SEX.									
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																	Males.	Females.								
V. Diseases of the Digestive Apparatus.																												
<i>—Concluded.</i>																												
116. Peritonitis, simple (puerperal excepted),	7													1	2			3	1							1	6	
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																												
118. Appendicitis and abscess of the iliac fossa	13		1			1	2	2		2		3		1		1									1	1	7	8
Total digestive apparatus	65	8	4	2		1	15	2	2	3		4	2	4	5	5	4	3		2	2	7	1	1		28	37	
VI. Diseases of the Genito-Urinary Apparatus and Its Adnexa.																												
119. Nephritis, acute	37	1	1	2			4	2			1		5	1	2		3	5	3	1	4	3	2		1	24	13	
120. Bright's disease	21	1				1								1	1	3	2	4	3	3	1		1		1	10	11	
121. Other diseases of the kidneys and their adnexa	3	1				1					1					1										2	1	
122. Calculi of the urinary tract																												
123. Diseases of the bladder	1																						1			1		
124. Diseases of the urethra, urinary abscess, etc.	1																						1				1	
125. Diseases of the prostate	5																1	1	1			1	1				5	
126. Non-venereal diseases of the male genital organs																												
127. Metritis																												
128. Hemorrhage, uterine, non-puerperal																												
129. Tumor, uterine, non-cancerous																												
130. Other diseases of the uterus																												
131. Cysts and other tumors of the ovary	5										1			1	1	1	1										5	
132. Other diseases of the female genital organs	2										1		1														2	
133. Diseases of the breast, non-puerperal (cancer excepted)																												
Total genito-urinary	75	3	1	2			6	2			3	1	6	3	4	5	7	10	7	4	6	4	5		2	42	33	
VII. Puerperal State.																												
134. Accidents of pregnancy	1													1													1	
135. Hemorrhage, puerperal																												
136. Other accidents of labor	3										1	1				1											3	
137. Septicemia, puerperal	3														2	1												
138. Albuminuria and puerperal eclampsia,	2											1	1															
139. Phlegmasia alba dolens, puerperal																												
140. Other puerperal accidents—sudden death																												
141. Puerperal diseases of the breast																												
Total puerperal	9										1	1	1	3	2	1											9	
VIII. Diseases of the Skin and Cellular Tissue.																												
142. Gangrene	2																	1			1					1	1	
143. Furuncle (carbuncle)																												
144. Phlegmon, warm abscess																												
145d. Other diseases of the skin and its adnexa																												
Total skin tissue	2																	1			1					1	1	
IX. Diseases of the Organs of Locomotion.																												
146. Affections of the bones (non-tuberculous)	4	1		1	2								1						1							2	2	
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted)																												
148. Amputation																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1908.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs, locomotion	4	1	1	2						1						1									2	2	
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	12	12				12																			5	7	
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	78	78				78																			53	25	
152. Other diseases appertaining to infancy,																											
153. Lack of care	78	78				78																			53	25	
Total early Infancy																											
XII. Old Age.																											
154. Senile debility	16																			3	1	7	4	1	8	8	
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	3											1				1						1			3		
156. Suicide by asphyxia	2										2														1	1	
157. Suicide by hanging or strangulation	1							1																	1		
158. Suicide by submersion																											
159. Suicide by firearms	6									1			1	1	2	1									5	1	
160. Suicide by cutting instruments	1													1											1		
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	4													1	1							2			2	2	
165a. Luxations																											
166. Other accidental traumatism	28		1			1	1	2	3		2		4	4	3	1	3		2	1		1			28	5	
167. Burns and scalds	4	1				1						2				1									1	3	
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	4										1	1				1	1									4	
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)	1														1										1		
175. Other acute poisonings	2									1	1														1	1	
176. Other external violence	4	1	1			2							1	1											3	1	
Total affections, etc.	60	1	1	2		4	1	3	4	2	5	4	6	9	6	5	4		2	1	1	3			46	14	
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	9	2	3			5							1	1					1		1				5	4	
Total ill-defined diseases	9	2	3			5							1	1					1		1				5	4	
Total from all causes.	1,092	208	47	25	14	6	300	27	17	24	27	42	50	50	52	59	73	72	68	48	63	40	40	16	4	590	462

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses, including four or more families, 5,696. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families — from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF MARCH, 1908, AND FOR THE CORRESPONDING MONTH IN 1907.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	MAR., 1908.	MAR., 1907.	MAR., 1908.	MAR., 1907.		MAR., 1908.	MAR., 1907.	MAR., 1908.	MAR., 1907.
Cholera	—	—	—	—	Measles	869	48	1	—
Chicken-pox	106	46	—	—	Scarlatina	316	230	—	—
Cerebro-spinal Meningitis	15	36	—	—	Smallpox	—	2	—	—
Diphtheria and Croup	263	188	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	26	26	—	—
Tuberculosis	203	243	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	2,625	Cattle condemned, 12	5,419 lbs.
Calves "	671	Calves " — — — "	
Sheep "	11	Sheep " — — — "	
Hogs "	3,779	Hogs " 2 and parts, 491	"

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

	MEATS.	FISH.	VEGETABLES.
Veal (immature)	1,196 lbs.	37 lbs.	Miscellaneous, 13 bush.
" (tainted)	—	Oysters, 100 gal.	Fruit . . . 60 "
Poultry "	208 "		
Mutton "	67 "		
Beef "	55 "		
Pork "	55 "		
Eggs "	29 doz.		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	462
" "	" " Wagons	553
" "	" brought in by Citizens	26
" "	" for bacteriological examination,	558
" "	Vinegar	127
" "	Butter and Cheese	122

Total Samples, 1,848

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	154
	Positive for release	94
	Negative for diagnosis	770
	Negative for release	259
	"No growth" cultures	17 . . 1,294
TUBERCULOSIS:	Positive	109
	Negative	365
	Unsatisfactory	— . . 474
TYPHOID:	Positive	6
	Negative	76
	Unsatisfactory	7 . . 89

GLANDERS:	Positive	11
	Negative	10
	Unsatisfactory	7 . . 28
Other examinations:*	Positive	21
	Negative	41
	Unsatisfactory	2 . . 64
BACTERIOLOGICAL MILK EXAMINATIONS		558
Total		2,507

* Malaria, Gonorrhoea, Staphylococcus, K. L. Virulence, Paratyphoid, Ophthalmia, Culture from Appendix, Genito-urinary T. B., Rabies, etc.

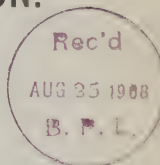
METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of March, 1908, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.36	24	69	S.E.	.17	Mean Barometer, 30.082
2	30.08	32	99	E.	.45	Highest Barometer, 30.59
3	30.22	32	72	W.	0	Lowest Barometer, 29.36
4	30.44	29	64	N.	0	Monthly Range of Barometer, 1.23.
5	30.40	29	48	N.	0	Mean Temperature, 38.6°.
6	30.18	30	83	S.E.	.30	Highest Temperature, 70°
7	29.82	40	79	W.	.06	Lowest Temperature, 15°
8	30.30	39	70	N.W. & S.W.	.03	Monthly Range of Temperature, 55°.
9	30.23	34	60	N.W.	.01	Greatest Daily Range of Temperature, 32°
10	30.52	22	52	W.	0	Least Daily Range of Temperature, 5°
11	30.08	40	64	S.W.	0	Mean Daily Range of Temperature, 16°.
12	29.90	48	58	N.	0	Mean Daily Dew-point, 29.6.
13	30.02	44	81	S.	.01	Mean Daily Relative Humidity, 73.4.
14	29.82	48	74	S.W.	.14	Prevailing Direction of Wind, S.W.
15	29.60	51	82	S.	.25	Total Movement of Wind, 8,570 miles.
16	29.74	38	92	W.	* T	Highest Velocity of Wind and Direction, 39 — S.W. on the 26th.
17	30.07	26	90	S.E.	.12	Number of Foggy Days, 2.
18	30.12	32	95	S.E.	.23	Number of Fair Days, 9.
19	29.88	38	85	N.W.	.44	Number of Clear Days, 6.
20	30.24	30	58	N.W.	0	Total Number of Days on which Rain or Snow fell, 15.
21	30.30	30	46	S.W.	0	Depth of Unmelted Snow on ground at end of month, 0.0.
22	30.18	40	62	S.W.	0	Dates of Auroras, 26th.
23	29.80	48	80	S.	.15	Dates of Lunar Halos, 11, 14.
24	29.63	50	69	W.	.01	Dates of Solar Halos, 1, 13, 15, 31.
25	30.32	56	62	N.	0	Thunder Storms, 15th.
26	30.26	44	78	S.W.	0	Dates of Frosts, none.
27	30.21	55	87	S.W.	0	Mean Maximum Temperature, 46.6.
28	29.97	52	91	S.W.	* T	Mean Minimum Temperature, 30.6.
29	29.90	48	86	N.E. & S.W.	.60	MEAN TEMPERATURE for this month is
30	30.28	43	50	N.W.	0	Total Precipitation for this Month in Inches
31	30.08	45	73	S.W.	* T	
TOTALS.....	—	—	—	—	—	
MEANS.....	30.096	38.6	73.4	S.W.	2.97	

Average mean temperature for 38 years, 35°. Average monthly precipitation for 38 years, 4.16 inches. * T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of April, 1908.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of April, 1908 1,045.
Population estimated at 609,757. Rate per 1,000 inhabitants, 20.57.

Total number 1,045

SEX.

Males 556
Females 489

CONDITION.

Single 552
Married 310
Widowed 161
Divorced —
Unknown 22

COLOR.

White 1,019
Black (Negro or mixed) 25
Indian —
Chinese 1
Japanese —

Total deaths of children, { Under 1 year 198
Under 2 years 251
Under 5 years 313

Diarrhoeal diseases, { Under 1 year 7
Under 2 years 9
Under 5 years 10
All ages 11

NATIVITY.

United States 675
Ireland 167
England 22
Scotland 1
Germany 11
British America 81
Italy 19
Russia 19
Sweden 7
Other Countries 17
Unknown 26

PARENTAGE.

United States 229
Irish 274
English 16
Scotch 5
German 19
British American 63
Italian 70
Russian 53
Swedish 8
Other Countries 77
Mixed 70
One parent unknown 82
Unknown 79
Still-births during the month 57

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1908.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	57		1	3	1	2	7	2	6	7	12	7	3	3	3	3	1	2	1							33	24
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	20	6	6	5	1	1	10	1																		8	12
7. Scarlatina	12		1	4	1	1	7	2			2			1												7	5
8. Whooping cough	4	2	1				1	4																		8	1
9. Diphtheria and croup	2				1	1		2																		1	1
9a. Diphtheria	18	2	4	2	5		13	1	1			1		1		1										9	9
10. Grippe	6											1				1	1			1	1		1			1	5
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery	1																							1		1	
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	7	5					5								1							1				5	2
19. Other epidemic affections	1	1					1																			1	
20. Purulent infection and septicemia . . .	8	1					1				2	1				2	1	1								6	2
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)	1															1										1	
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	96	4	3			1	8	2	2	6	9	14	8	12	11	7	6	6	2	1	2					53	43
28. Tubercle of the meninges	21	6	6	3	2	1	18	2					1													15	6
29. Tubercle, abdominal	1																1									1	
30. Pott's diseases	2										1	1														2	
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs	1							1																		1	
34. Tubercle, generalized	5	1			1		2				2							1								8	2
35. Scrofula																											
36. Syphilis																											
3. Tertiary																											
4. Hereditary																											
37. Blennorrhagia of the adult																											
38. Gonococcal infections of the child . . .																											
39. Cancer and other malignant tumors of the buccal cavity	8																	1	2							3	
40. Cancer and other malignant tumors of the stomach and liver	22		1				1							2	1	4	4	9	3	1	2	1		1		10	12

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																											SEX.	
	Total Mortality for April, 1902.																											Male.	Female.
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.					
III. Diseases of the Circulatory Apparatus. — Concluded.																													
78. Endocarditis, acute	18							2	1	2					2	1		4	3	2	1					6	12		
79. Organic diseases of the heart	164	3		1	4	3	1	2	6	4	3	4	10	9	6	4	11	16	7	6	3	3	2			40	79		
80. Angina pectoris	6												1			1		1		1	2					4	2		
81. Affections of the arteries (atheroma, aneurism, etc.)	19								1				1	1	1		2	3	3	3	4					12	7		
82. Embolism and thrombosis	4		1		1						1	1					1									1	3		
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																													
84. Affections of the lymphatic system (lymphangitis, etc.)																													
85. Hemorrhages	2	1				1	1																			2			
86. Other affections of the circulatory apparatus	5																												
Total of circulatory apparatus	154	4		2	6	4	3	4	8	5	3	5	13	10	9	6	14	21	13	12	10	3	2			75	79		
IV. Diseases of the Respiratory Apparatus.																													
87. Diseases of the nasal fossae																													
88. Affections of the larynx	3	1			1				1							1										3			
89. Affections of the thyroid body																													
90. Bronchitis, acute	11	6	1	1		8											2	1								6	5		
91. Bronchitis, chronic	12	1				1								1			1	3	2	1	2	1				6	6		
92. Broncho-pneumonia	27	12	9		1	1	24	1					1				1		1							16	11		
93. Pneumonia	116	23	7	5	3	2	40	3		8	2	3	5	6	13	9	4	4	6	9	4	1	3		1	50	57		
94. Pleurisy	8	1	1			2		1				1	1		2				1							5	3		
95. Pulmonary congestion and apoplexy	9	1		1	2							1	1		1	2	1	2								4	5		
96. Gangrene of the lung	1										1															1			
97. Asthma	2											1							1							2			
98. Emphysema, pulmonary	1																1									1			
99. Other diseases of the respiratory apparatus (phthisis excepted)																		1								1			
Total respiratory apparatus	100	45	18	6	5	3	77	4	1	3	3	7	9	14	11	6	7	12	13	11	2	5	1	1		90	91		
V. Diseases of the Digestive Apparatus.																													
100. Affections of the mouth and its adnexa																													
101. Affections of the pharynx	1	1				1																				1			
102. Affections of the esophagus																													
103. Ulcer of the stomach	1								1																	1			
104. Other affections of the stomach (cancer excepted)	3	1				1													2							3			
105. Diarrhea and enteritis (under two years)	9	7	2			9																				7	2		
105a. Diarrhea and enteritis, chronic																													
106. Diarrhea and enteritis (two years and over)	2		1			1						1														2			
107. Parasites, intestinal																													
108. Hernia, intestinal obstructions	9	1	1			2					1	1					2	1	1	1						2	7		
109. Other affections of the intestines	4	1				1				1						1	1									4			
110. Icterus, grave	2									1	1															1	1		
111. Hydatid tumors of the liver																													
112. Cirrhosis of the liver	3								1								1	1								1	2		
113. Biliary calculi	2															1		1								2			
114. Other affections of the liver																													
115. Affections of the spleen																													

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1906.		AGE.																												SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.				
IX. Diseases of the Organs of Locomotion.—Concluded.																																
149. Other affections of the organs of locomotion																																
Total organs, locomotion	3	1						1									1											3				
X. Malformations.																																
150. Malformations, congenital (still-births excepted)	9	8	1					9																				5	4			
XI. Early Infancy.																																
151. Congenital debility, icterus and aclethmia	45	45						45																				24	21			
152. Other diseases appertaining to infancy	7	7						7																				3	4			
153. Lack of care	6	6						6																				3	3			
Total early infancy	58	58						58																				30	28			
XII. Old Age.																																
154. Senile debility	16																		1	1		2	3	2	3	4		6	19			
XIII. Affections Produced by External Causes.																																
155. Suicide by poison	5										3		1	1														4	1			
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation	3										1		2															3				
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments	2																1								1			1	1			
161. Suicide by jumping from high places	1										1																		1			
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures	16						1	1	2	1		1	2	2		1	1		1	1	1		2				13	3				
165a. Luxations																																
166. Other accidental traumatisms	15								1	2	1	1	2	1		1	1	1	2		1			1			10	5				
167. Burns and scalds	7	2					1	3			1									1		1	1				4	3				
168. Burns by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical disturbances																																
172. Accidental submersion																																
173a. Inanition																																
174. Absorption of deleterious gases (suicide excepted)																																
175. Other acute poisonings	3	1		1				2					1															2	1			
176. Other external violence	8	8						8																				6	2			
Total affections, etc.	60	11		1			2	14	3	3	2	6	5	7	1	1	2	3	2	2	2	2	1	4			43	17				
XIV. Ill-defined Diseases.																																
177. Drunken																																
178. Sudden death																																
179. Non-specified or ill-defined causes of death	23	23	3	1				17			1			1	2	1					1						13	10				
Total ill-defined diseases	23	23	3	1				17			1			1	2	1					1						13	10				
Total from all causes	1,045	1,067	50	31	19	12	313	24	18	29	54	42	55	46	58	61	59	46	64	64	56	34	23	11	7	556	489					

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. *Tenement houses, including four or more families, 5,696. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF APRIL, 1908, AND FOR THE CORRESPONDING MONTH IN 1907.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	APR., 1908.	APR., 1907.	APR., 1908.	APR., 1907.		APR., 1908.	APR., 1907.	APR., 1908.	APR., 1907.
Cholera	—	—	—	—	Measles	1,431	49	—	—
Chicken-pox	87	69	—	—	Scarlatina	283	189	—	—
Cerebro-spinal Meningitis	13	45	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	237	248	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	653	22	—	—
Tuberculosis	239	236	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,511	Cattle condemned, 15	6,238 lbs.
Calves "	2,694	Calves " 2	72 "
Sheep "	19	Sheep " —	— "
Hogs "	2,740	Hogs " 6 and parts, 999	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

	MEATS.	FISH.	VEGETABLES.
Veal (immature)	884 lbs.	150 lbs.	Miscellaneous, 9½ bush.
(tainted)	—	—	Fruit . . . 17 "
Poultry "	40 "		
Mutton "	9 "		
Beef "	—		
Pork "	6 "		
Pigeons "	20 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	450
" "	" " Wagons	591
" "	" brought in by Citizens	25
" "	" for bacteriological examination,	471
" "	Vinegar	119
" "	Butter and Cheese	44
	Total Samples,	1,700

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	149
	Positive for release	122
	Negative for diagnosis	721
	Negative for release	187
	"No growth" cultures	8 . . 1,187
TUBERCULOSIS:	Positive	93
	Negative	361
	Unsatisfactory	1 . . 455
TYPHOID:	Positive	174
	Negative	365
	Unsatisfactory	37 . . 570

GLANDERS:	Positive	7
	Negative	12
	Unsatisfactory	6 . . 25
Other examinations:	Positive	21
	Negative	48
	Unsatisfactory	2 . . 71
BACTERIOLOGICAL MILK EXAMINATIONS		472
Total		2,786

* Malaria, Ophthalmia, Gonorrhoea, Rabies, Genito-urinary T. B., K. L. Virulence, Pneumococci, Typhoid urine, Typhoid (Conradi), pus, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

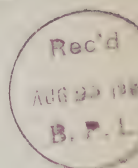
For the month of April, 1908, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.04	40	63	N.W.	0	Mean Barometer, 29.894
2	29.55	42	83	W.	.15	Highest Barometer, 30.50
3	29.70	33	55	W. & N.W.	* T	Lowest Barometer, 29.36
4	29.99	30	32	N.W.	0	Monthly Range of Barometer, 1.14.
5	30.26	38	45	S.W.	.08	Mean Temperature, 46.8°.
6	30.01	50	56	S.W.	.04	Highest Temperature, 85°
7	30.15	56	46	S.W.	0	Lowest Temperature, 24°
8	30.08	41	88	E.	.16	Monthly Range of Temperature, 61°.
9	29.95	42	56	N.W.	.23	Greatest Daily Range of Temperature, 31°
10	30.03	48	78	S.W.	.04	Least Daily Range of Temperature, 8°
11	29.48	50	84	W.	.01	Mean Daily Range of Temperature, 17.8°.
12	29.88	42	60	N.W.	0	Mean Daily Dew-point, 37.2.
13	30.00	43	70	N.W.	.02	Mean Daily Relative Humidity, 73.2.
14	30.44	41	67	N.W.	0	Prevailing Direction of Wind, N.W.
15	29.98	48	84	S.W.	.25	Total Movement of Wind, 9,491 miles.
16	30.37	36	72	N.W.	0	Highest Velocity of Wind and Direction, 45—W. on the 11th.
17	30.38	39	58	N.W.	0	Number of Foggy Days, 1. Number of Fair Days, 11.
18	29.90	48	79	S.W.	.23	Number of Clear Days, 9. Number of Cloudy Days, 10.
19	29.40	51	88	N.W.	.11	Total Number of Days on which Rain or Snow fell, 15.
20	29.61	40	82	S.W.	* T	Depth of Unmelted Snow on ground at end of month, 0.0.
21	29.77	36	78	W.	0	Dates of Auroras, 7th. Dates of Lunar Halos, none.
22	29.86	50	71	S.W.	0	Dates of Solar Halos, 23, 30. Thunder Storms, 8, 9, 23.
23	29.76	70	62	S.W.	* T	Dates of Frosts (Killing), 8, 9, 23.
24	29.98	50	89	E.	0	Mean Maximum Temperature, 55.7. Mean Minimum Temperature, 37.9.
25	29.83	54	96	S.W.	.05	MEAN TEMPERATURE for this month in
26	29.72	72	86	S.W.	.04	Total Precipitation for this Month in inches
27	29.76	58	90	E.	0	1871 47 1871 3.79
28	29.68	49	100	E.	.02	1872 47 1872 1.31
29	29.85	54	92	E.	0	1873 45 1873 3.88
30	29.81	56	89	E.	.27	1874 39 1874 7.97
31	—	—	—	—	—	1875 43 1875 4.92
TOTALS	—	—	—	—	—	1876 44 1876 3.61
MEANS	29.907	46.9	73.2	N.W.	1.70	1877 44 1877 4.19
						1878 48 1878 6.14
						1879 42 1879 6.58
						1880 46 1880 2.85
						1881 44 1881 1.66
						1882 43 1882 2.50
						1883 45 1883 2.83
						1884 44 1884 4.76
						1885 47 1885 3.30
						1886 49 1886 1.70
						1887 44 1887 2.63
						1888 43 1888 2.04
						1889 48 1889 3.07
						1890 46 1890 2.29
						1891 48 1891 1.71
						1892 48 1892 0.98
						1893 44 1893 3.13
						1894 47 1894 3.78
						1895 46 1895 3.63
						1896 47 1896 1.56
						1897 49 1897 3.17
						1898 44 1898 6.39
						1899 48 1899 1.29
						1900 49 1900 1.90
						1901 44 1901 7.43
						1902 48 1902 2.87
						1903 48 1903 4.43
						1904 45 1904 9.14
						1905 47 1905 2.14
						1906 47 1906 2.15
						1907 48 1907 3.31
						1908 47 1908 1.70

Average mean temperature for 38 years, 46°. Average monthly precipitation for 38 years, 3.50 inches. * T Indicates trace of precipitation.

1569 10

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of May, 1908.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of May, 1908 1,071.
Population estimated at 609,757. Rate per 1,000 inhabitants, 21.08.

Total number 1,071

SEX.

Males 539
Females 532

CONDITION.

Single 552
Married 335
Widowed 160
Divorced 5
Unknown 19

COLOR.

White 1,033
Black (Negro or mixed) 34
Chinese 1
Japanese 2
Unknown 1

Total deaths of children, { Under 1 year 179
Under 2 years 217
Under 5 years 315

Diarrhœal diseases, { Under 1 year 11
Under 2 years 15
Under 5 years 16
All ages 22

NATIVITY.

United States 669
Ireland 172
England 27
Scotland 7
Germany 13
British America 66
Italy 28
Russia 30
Sweden 9
Other Countries 19
Unknown 31

PARENTAGE.

United States 207
Irish 302
English 22
Scotch 10
German 18
British American 55
Italian 64
Russian 59
Swedish 13
Other Countries 68
Mixed 76
One parent unknown 73
Unknown 104
Still-births during the month 50

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1908.	AGE.																			SEX.						
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																		Males.	Females.						
I. General Diseases.																											
1. Typhoid Fever	36		1					1	1	1	3	5	4	5	4	1				1						14	16
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	50	10	18	9	6	1	44	3		2	1															27	23
7. Scarlatina	17	1	1	3	3	2	16	5		1	1															9	8
8. Whooping cough	3	2			1		3																			1	2
9. Diphtheria and croup	3		1	2			3																			3	
9a. Diphtheria	15		1	1	4	2	8	3		1	1		2													8	7
10. Grippe	1																			1						1	
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery	1	1					1																			1	
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	5	1					1					1		2					1							3	2
19. Other epidemic affections																											
20. Purulent infection and septicemia . .	8	2					2	1			2				1		1	1								6	2
21. Glanders and farcy																											
2. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc. . . .																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	101		1	1			2		1	6	16	17	21	18	6	4	4	5	1							59	42
28. Tubercle of the meninges	17	3	5	1	2		11	3	3																	7	10
29. Tubercle, abdominal	8										1			1			1									3	
30. Pott's diseases	1									1																1	
31. Abscess, cold and by congestion . . .																											
32. Tumors, white (white swellings) . . .	1							1																		1	
33. Tubercle of other organs	1													1												1	
34. Tubercle, generalized	5	1		1			2	2			1															3	2
35. Scrofula																											
36. Syphilis	2	1					1													1						1	1
3. Tertiary	1																1									1	
4. Hereditary	4	3		1			4																			3	1
37. Menorrhagia of the adult																											
38. Gonococcal infections of the child . .																											
39. Cancer and other malignant tumors of the buccal cavity																											
40. Cancer and other malignant tumors of the stomach and liver	16													1	1	1	1	4		3	2	1	2			9	7

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1906.	AGE.																								SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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I. General Diseases.—Continued.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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CAUSES OF DEATH.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for May, 1905.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
V. Diseases of the Digestive Apparatus.																												
<i>—Concluded.</i>																												
116. Peritonitis, simple (puerperal excepted),	12	1				1			1	1	3	1	2	1			2										3	
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																												
118. Appendicitis and abscess of the iliac fossa	8									2	1	1	1	1	1					1							8	
Total digestive apparatus	68	14	5	1		20			2	2	7	4	4	3	3	3	6	3	2	8		1					25	30
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																												
119. Nephritis, acute	4													1			2				1						2	2
120. Bright's disease	40	2				2		1		3		4	1		5	5	2	4	7	4	2					21	19	
121. Other diseases of the kidneys and their adnexa	3														2					1							2	1
122. Calculi of the urinary tract																												
123. Diseases of the bladder	2									1										1							2	
124. Diseases of the urethra, urinary abscess, etc.	1														1												1	
125. Diseases of the prostate	1																				1						1	
126. Non-venereal diseases of the male genital organs																												
127. Metritis																												
128. Hemorrhage, uterine, non-puerperal																												
129. Tumor, uterine, non-cancerous																												
130. Other diseases of the uterus																												
131. Cysts and other tumors of the ovary	3													1			1	1									3	
132. Other diseases of the female genital organs	2									1				1													2	
133. Diseases of the breast, non-puerperal (cancer excepted)																												
Total of genito-urinary	56	2				2	1		3	2	4	1	5	6	5	3	7	7	6	4							20	27
VII. Puerperal State.																												
134. Accidents of pregnancy	2								1				1														2	
135. Hemorrhage, puerperal	1									1																	1	
136. Other accidents of labor																												
137. Septicemia, puerperal	2								1	1																	2	
138. Albuminuria and puerperal eclampsia,																												
139. Phlegmasia alba dolens, puerperal																												
140. Other puerperal accidents—sudden death	1												1														1	
141. Puerperal diseases of the breast																												
Total puerperal	6								2	2		2															6	
VIII. Diseases of the Skin and Cellular Tissue.																												
142. Gangrene	1		1			1																					1	
143. Furuncle (carbuncle)	2	1				1				1																	2	
144. Phlegmon, warm abscess	1	1				1																					1	
145d. Other diseases of the skin and its adnexa	1												1														1	
Total skin tissue	5	2	1			3																					4	1
IX. Diseases of the Organs of Locomotion.																												
146. Affections of the bones (non-tuberculous).	1	1				1																					1	
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted)																												
148. Amputation																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

[illegible]

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00. macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses, including four or more families, 5,696. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF MAY, 1908, AND FOR THE CORRESPONDING MONTH IN 1907.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	MAY, 1908.	MAY, 1907.	MAY, 1908.	MAY, 1907.		MAY, 1908.	MAY, 1907.	MAY, 1908.	MAY, 1907.
Cholera	—	—	—	—	Measles	1,251	182	1	—
Chicken-pox	80	58	—	—	Scarlatina	276	136	—	—
Cerebro-spinal Meningitis	8	58	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	260	197	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	89	28	—	—
Tuberculosis	218	202	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,196	Cattle condemned, 0	4,489 lbs.
Calves "	2,551	Calves " 17	590 "
Sheep "	54	Sheep " —	— "
Hogs "	3,848	Hogs " 4 and parts, 829	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 840 lbs.	35 lbs.	Miscellaneous, 75 bush.
" (tainted) 6 "		Fruit . . . 2 "
Poultry " 1,174 "		
Mutton " 4 "		
Beef " 835 "		
Pork " 813 "		
Horse Meat " 370 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	425
" "	" " Wagons	508
" "	" brought in by Citizens	17
" "	" for bacteriological examination,	208
" "	Vinegar	98
" "	Butter and Cheese	47
Total Samples,		1,298

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	147
	Positive for release	94
	Negative for diagnosis	713
	Negative for release	229
	"No growth" cultures	7 . 1,190
TUBERCULOSIS:	Positive	94
	Negative	356
	Unsatisfactory	— . 450
TYPHOID:	Positive	42
	Negative	245
	Unsatisfactory	9 . 296

GLANDERS:	Positive	10
	Negative	10
	Unsatisfactory	3 . . 23
Other examinations:	* Positive	19
	Negative	51
	Unsatisfactory	2 . . 72
BACTERIOLOGICAL MILK EXAMINATIONS		208
Total		2,289

* Pus, Genito-urinary T. B., T. B. Fluid, Rabies, Malaria, Ophthalmia, T. B. Feces, Gonorrhea, Actinomycosis, Pneumococci, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of May, 1908, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.48	52	68	W.	.40	Mean Barometer, 29.955
2	29.72	52	78	S.W.	.01	Highest Barometer, 30.39
3	29.67	48	73	W.	0	Lowest Barometer, 29.27
4	29.97	51	71	W.	* T	Monthly Range of Barometer, 1.12.
5	30.10	54	64	S.E.	0	Mean Temperature, 59.0°.
6	30.31	47	84	E.	0	Highest Temperature, 83°
7	30.10	44	86	E.	1.45	Lowest Temperature, 39°
8	29.64	46	96	N.E.	.38	Monthly Range of Temperature, 49°.
9	29.36	54	86	S.W.	.15	Greatest Daily Range of Temperature, 37°
10	29.52	50	85	N.W.	* T	Least Daily Range of Temperature, 4°
11	29.76	62	45	W.	0	Mean Daily Range of Temperature, 16.4°.
12	29.76	76	50	S.W.	* T	Mean Daily Dew-point, 50.5.
13	30.06	64	62	W.	0	Mean Daily Relative Humidity, 76.0.
14	30.22	52	85	N.E.	.24	Prevailing Direction of Wind, E.
15	30.28	50	72	E.	0	Total Movement of Wind, 8,110 miles.
16	30.20	58	60	W.	0	Highest Velocity of Wind and Direction, 36 — S.E. on the 30th.
17	30.02	64	60	S.W.	0	Number of Foggy Days, none.
18	30.06	64	69	E.	0	Number of Clear Days, 9.
19	30.09	65	60	S.W.	0	Total Number of Days on which Rain or Snow fell, 10.
20	30.07	62	75	E.	* T	Depth of Unmelted Snow on ground at end of month, 0.0.
21	30.28	58	94	E.	.29	Dates of Auroras, none.
22	30.38	56	96	E.	.02	Dates of Lunar Halos, 10th.
23	30.24	66	91	E.	0	Dates of Solar Halos, 25th.
24	30.14	72	71	E.	0	Thunder Storms, none.
25	30.24	60	75	E.	0	Dates of Frosts, none.
26	29.90	72	76	S.W.	0	Mean Maximum Temperature, 67.2.
27	29.75	74	66	W.	0	Mean Minimum Temperature, 50.8.
28	30.12	56	96	E.	* T	MEAN TEMPERATURE for this month in
29	30.02	66	87	S.W.	0	Total Precipitation for this Month in inches
30	29.82	64	96	E.	.69	1871 58
31	29.69	74	80	S.W.	.15	1872 59
TOTALS.....	—	—	—	—	—	1873 57
MEANS.....	29.966	59.1	76.0	E.	3.78	1874 55
						1875 58
						1876 55
						1877 55
						1878 56
						1879 60
						1880 64
						1881 57
						1882 51
						1883 56
						1884 55
						1885 53
						1886 57
						1887 60
						1888 53
						1889 60
						1890 57
						1891 56
						1892 56
						1893 56
						1894 58
						1895 60
						1896 60
						1897 58
						1898 56
						1899 58
						1900 55
						1901 54
						1902 58
						1903 58
						1904 61
						1905 58
						1906 58
						1907 52
						1908 59

Average mean temperature for 38 years, 57°. Average monthly precipitation for 38 years, 3.42 inches. * T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of June, 1908.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of June, 1908 799.
Population estimated at 617,075. Rate per 1,000 inhabitants, 15.54.

Total number 799

SEX.

Males 414
Females 385

CONDITION.

Single 408
Married 236
Widowed 132
Divorced 3
Unknown 20

COLOR.

White 775
Black (Negro or mixed) 24
Chinese —
Japanese —

Total deaths of children, { Under 1 year 150
 Under 2 years 192
 Under 5 years 234

Diarrhœal diseases, { Under 1 year 8
 Under 2 years 9
 Under 5 years 10
 All ages 12

NATIVITY.

United States 499
Ireland 123
England 19
Scotland 4
Germany 19
British America 46
Italy 17
Russia 22
Sweden 9
Other Countries 9
Unknown 32

PARENTAGE.

United States 174
Irish 194
English 14
Scotch 10
German 22
British American 47
Italian 57
Russian 41
Swedish 11
Other Countries 37
Mixed 60
One parent unknown 50
Unknown 82
Still-births during the month 64

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		AGE.																				SEX.					
		Total Mortality for June, 1908.																				Males.	Females.				
I. General Diseases.—Concluded.		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.		
41.	Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	2											2		1	1		2	1		1					5	3
42.	Cancer and other malignant tumors of the genital organs of the female . . .	5											1		1	1	1	1									
43.	Cancer and other malignant tumors of the breast . . .	4													1		1	2									
44.	Cancer and other malignant tumors of the skin . . .																										
45.	Cancer and other malignant tumors of organs not specified . . .	16												1	1	2	3	1	1	3	4					5	11
46.	Other tumors (tumors of the female genital organs excepted) . . .																										
47.	Rheumatism, acute, articular . . .	7	1				1		2	2		*					1		1							5	2
48.	Rheumatism, chronic, and gout. . .																										
49.	Scorbutus . . .																										
50.	Diabetes . . .	8								1	1	1					1			4						3	5
51.	Goltre, exophthalmic . . .																										
52.	Addison's disease . . .	1								1																	1
53.	Leukemia . . .	2						1				1														2	
54.	Anemia, chlorosis . . .	4											1			1			2							8	1
55.	Other general diseases . . .																										
56.	Alcoholism, acute and chronic . . .	4										2	1							1						4	
57.	Saturnism . . .																										
58.	Other trade intoxications . . .																										
59.	Other chronic poisonings . . .																										
Total general diseases . . .		251	22	22	17	9	2	72	14	4	8	13	15	19	17	12	12	15	12	14	12	7	5			127	124
II. Diseases of the Nervous System and of the Organs of Sense.																											
60.	Encephalitis . . .																										
61.	Meningitis, simple . . .	8	2		1		3	2					2		1											5	3
61a.	Meningitis, epidemic cerebro-spinal . . .	4	2		1		3							1												1	3
62.	Locomotor ataxia, progressive . . .																										
63.	Other diseases of the spinal cord . . .	3													1					1				1		1	2
64.	Cerebral congestion and hemorrhage . . .	51	1			1				1		1	1	1	3	5	3	9	10	11	3	2			21	30	
65.	Cerebral softening . . .																										
66.	Paralysis, without cause assigned . . .	2																2								2	
67.	General paralysis . . .	5											1	1	1		1						1			2	3
68.	Other forms of mental alienation . . .																										
69.	Epilepsy . . .																										
70.	Eclampsia (non-puerperal) . . .																										
71.	Convulsions of children . . .	3	1	1			1	3																		2	1
72.	Tetanus . . .	1						1																		1	
73.	Cuorea . . .																										
74.	Hysteria . . .																										
74b.	Other affections of the nervous system . . .	3							2	1																1	2
75.	Diseases of the eye and appendages . . .																										
76.	Diseases of the ear . . .	2	1				1																	1		1	1
Total of the nervous system, etc., . . .		82	7	1		2	1	11	2	1	2		2	2	5	3	4	6	3	12	10	11	5	3		55	47
III. Diseases of the Circulatory Apparatus.																											
77.	Pericarditis . . .	1								1																	

CAUSES OF DEATH.

CAUSES OF DEATH.																							SEX.																				
Total Mortality for June, 1908.																							Males.	Females.																			
																							Under 1 year.	1 year and under 3 years.	3 years and under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.
III. Diseases of the Circulatory Apparatus.—Concluded.																																											
78.	Endocarditis, acute	11					2				1	2	1		1	2	1	1					5	6																			
79.	Organic diseases of the heart	74					1	3	1	5	5	2	1	11	4	9	13	8	6	3	2		34	4																			
80.	Angina pectoris	4								1							1			2			9	2																			
81.	Affections of the arteries (atheroma, aneurism, etc.)	13								1						1	4		2	3	1		7	6																			
82.	Embolism and thrombosis	9					2			3	1		1					1	1				5	4																			
83.	Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																																										
84.	Affections of the lymphatic system (lymphangitis, etc.)																																										
85.	Hemorrhages	1								1														1																			
86.	Other affections of the circulatory apparatus																																										
Total of circulatory apparatus		113						1	6	3	6	9	4	2	14	5	10	19	11	10	9	3	1	33	60																		
IV. Diseases of the Respiratory Apparatus.																																											
87.	Diseases of the nasal fossae																																										
88.	Affections of the larynx	2					2																1	1																			
89.	Affections of the thyroid body																																										
90.	Bronchitis, acute	3	1				1													1		1	2	1																			
91.	Bronchitis, chronic	3															1		1	1			1	2																			
92.	Broncho-pneumonia	16	7	6	1		14										1		1				10	6																			
93.	Pneumonia	42	3	5	2		10	1	1		2	3	5	1	1	3	2	3	5	2		1	1	1	22	20																	
94.	Pleurisy	1		1			1																	1																			
95.	Pulmonary congestion and apoplexy	8										1		1	1			1		2	1	1		1	7																		
96.	Gangrene of the lung																																										
97.	Asthma	1																1						1																			
98.	Emphysema, pulmonary																																										
99.	Other diseases of the respiratory apparatus (phthisis excepted)																																										
Total respiratory apparatus		76	11	14	3		29	1	1		2	3	5	1	2	3	3	6	6	5	1	4	2	2	1	33	33																
V. Diseases of the Digestive Apparatus.																																											
100.	Affections of the mouth and its adnexa	1																1																									
101.	Affections of the pharynx																																										
102.	Affections of the esophagus																																										
103.	Ulcer of the stomach	3									1		1	1										2	1																		
104.	Other affections of the stomach (cancer excepted)	3	3				3																	1	2																		
105.	Diarrhea and enteritis (under two years)	9	8	1			9																	7	2																		
105a.	Diarrhea and enteritis, chronic																																										
106.	Diarrhea and enteritis (two years and over)	3			1		1											1			1				3																		
107.	Parasites, intestinal																																										
108.	Hernia, intestinal obstructions	7	1				1					2		1		1	1		1					5	2																		
109.	Other affections of the intestines	6	1				1							1		1	1		1		1				3	3																	
110.	Icterus, grave																																										
111.	Hydatid tumors of the liver																																										
112.	Cirrhosis of the liver	7									1			1			1	3		1				3	4																		
113.	Biliary calculi	1																1							1																		
114.	Other affections of the liver	1											1												1																		
115.	Affections of the spleen																																										

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for June, 1908.	AGE.																				SEX.				
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																						
V. Diseases of the Digestive Apparatus. —Concluded.																										
116. Peritonitis, simple (puerperal excepted),	8	1				1	1	2		2					1				1						6	2
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																										
118. Appendicitis and abscess of the iliac fossa	9					1		1	1	1	1	1	1	1	2										5	4
Total digestive apparatus	58	14	1	1		16	2	3	1	3	5	1	6	2	4	4	4	4	3	2	1	1			32	26
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																										
119. Nephritis, acute	7					2			1	1					1	1				1					3	4
120. Bright's disease	21	1				1			1		1	1	2	1	3	3	1	5	1	1					12	9
121. Other diseases of the kidneys and their adnexa	2														1			1							2	
122. Calculi of the urinary tract																										
123. Diseases of the bladder	1																	1							1	
124. Diseases of the urethra, urinary abscess, etc.																										
125. Diseases of the prostate	1																	1							1	
126. Non-venereal diseases of the male genital organs																										
127. Metritis																										
128. Hemorrhage, uterine, non-puerperal																										
129. Tumor, uterine, non-cancerous	1												1												1	
130. Other diseases of the uterus																										
131. Cysts and other tumors of the ovary																										
132. Other diseases of the female genital organs	1												1												1	
133. Diseases of the breast, non-puerperal (cancer excepted)																										
Total of genito-urinary	34	1				1	2			2	1	1	3	2	3	4	4	3	5	2	1				19	15
VII. Puerperal State.																										
134. Accidents of pregnancy																										
135. Hemorrhage, puerperal																										
136. Other accidents of labor																										
137. Septicemia, puerperal	3									2		1														3
138. Albuminuria and puerperal eclampsia,																										
139. Phlegmasia alba dolens, puerperal																										
140. Other puerperal accidents—sudden death	1											1													1	
141. Puerperal diseases of the breast																										
Total puerperal	4									2		2														4
VIII. Diseases of the Skin and Cellular Tissue.																										
142. Gangrene	1	1				1																				1
143. Furuncle (carbuncle)	2														1			1								2
144. Phlegmon, warm abscess																										
145. Other diseases of the skin and its adnexa																										
Total skin tissue	3	1				1									1			1								3
IX. Diseases of the Organs of Locomotion.																										
146. Affections of the bones (non-tuberculous)																										
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted)																										
148. Amputation																										

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																											SEX.	
	Total Mortality for June, 1908.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
IX. Diseases of the Organs of Locomotion.—Concluded.																													
149. Other affections of the organs of locomotion																													
Total organs, locomotion																													
X. Malformations.																													
150. Malformations, congenital (still-births excepted)	8	7				1	8																			6	2		
XI. Early Infancy.																													
151. Congenital debility, icterus and sclerema	58	58					58																			33	25		
152. Other diseases appertaining to infancy,	2	2					2																				2		
153. Lack of care	10	10					10																			9	1		
Total early infancy	70	70					70																			42	28		
XII. Old Age.																													
154. Senile debility	14																					3	4	4	3	5	9		
XIII. Affections Produced by External Causes.																													
155. Suicide by poison																													
156. Suicide by asphyxia	3										1					1		1								2	1		
157. Suicide by hanging or strangulation	1													1												1			
158. Suicide by submersion																													
159. Suicide by firearms	6										1	1	2		1			1								6			
160. Suicide by cutting instruments	1												1													1			
161. Suicide by jumping from high places																													
162. Suicide by crushing																													
163. Other suicides																													
164. Fractures	13	1	2			1	4				1	1		1	1	3		1			1					9	4		
165a. Luxations																													
166. Other accidental traumatisms	11						1					2	1		3		2		2						10	1			
167. Burns and scalds	2	1				1														1					1	1			
168. Burns by corrosive substances																													
169. Insolation	4													1		1	1			1					3	1			
170. Freezing																													
171. Electrical disturbances																													
172. Accidental submersion	12						2		2		3			2		1		2							11	1			
173a. Inanition																													
174. Absorption of deleterious gases (suicide excepted)																													
175. Other acute poisonings	3			1		1				1		1														2	1		
176. Other external violence	9	7					7			1		1													4	5			
Total affections, etc.	63	7	2	2	1	1	13	3		2	3	6	4	7	4	8	3	3	4		3	2			50	13			
XIV. Ill-defined Diseases.																													
177. Dropsy																													
178. Sudden death																													
179. Non-specified or ill-defined causes of death	21	16	2	2			14	1		1		1	1	1	1		1							1	7	14			
Total ill-defined diseases	21	16	2	2			14	1		1		1	1	1	1		1							1	7	14			
Total from all causes,	796	150	42	24	13	5	234	25	7	21	23	39	44	35	35	45	38	45	54	48	33	37	16	9	6	414	385		

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses, including four or more families, 5,696. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JUNE, 1908, AND FOR THE CORRESPONDING MONTH IN 1907.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JUNE, 1908.	JUNE, 1907.	JUNE, 1908.	JUNE, 1907.		JUNE, 1908.	JUNE, 1907.	JUNE, 1908.	JUNE, 1907.
Cholera	—	—	—	—	Measles	920	322	1	—
Chicken-pox	65	58	—	—	Scarlatina	165	163	—	—
Cerebro-spinal Meningitis	10	28	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	228	151	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	76	32	—	—
Tuberculosis	207	184	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	1,908	Cattle condemned, 8	4,061 lbs.
Calves "	1,917	Calves " —	" "
Sheep "	21	Sheep " —	" "
Hogs "	3,026	Hogs " 10 and parts, 1,592	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 213 lbs.	— lbs.	Miscellaneous, 174 bush.
" (tainted) 99 "		Fruit 9 "
Poultry " 809 "		
Mutton " 12 "		
Beef " 39 "		
Pork " — "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	223
" "	" " Wagons	423
" "	" brought in by Citizens	9
" "	" for bacteriological examination,	571
" "	Vinegar	85
" "	Butter and Cheese	42
	Total Samples,	1,353

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	126
	Positive for release	72
	Negative for diagnosis	387
	Negative for release	187
	"No growth" cultures	7 779
TUBERCULOSIS:	Positive	74
	Negative	289
	Unsatisfactory	— 363
TYPHOID:	Positive	25
	Negative	138
	Unsatisfactory	13 176

GLANDERS:	Positive	9
	Negative	12
	Unsatisfactory	1 22
Other examinations:	* Positive	14
	Negative	34
	Unsatisfactory	3 51
BACTERIOLOGICAL MILK EXAMINATIONS		571
Total		1,962

* Malaria, Ophthalmia, Gonorrhoea, Rabies, Pneumococci, Couradi Typhoid, Typhoid Urine, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of June, 1908, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.85	64	82	W.	.02	Mean Barometer, 30.022
2	29.88	62	56	W.	0	Highest Barometer, 30.43
3	30.06	60	48	W.	0	Lowest Barometer, 29.78
4	30.01	66	76	S.W.	.02	Monthly Range of Barometer, 0.65.
5	30.30	59	72	E.	0	Mean Temperature, 68.8°.
6	30.35	62	67	S.W.	0	Highest Temperature, 90° on the 8th.
7	30.15	70	54	S.W.	0	Lowest Temperature, 49° on the 2d.
8	29.98	76	61	S.W.	0	Monthly Range of Temperature, 41°.
9	29.85	75	62	S.W.	0	Greatest Daily Range of Temperature, 33°
10	29.80	74	62	S.W.	0	Least Daily Range of Temperature, 8°
11	29.95	68	59	S.E.	* T	Mean Daily Range of Temperature, 19.3°.
12	30.12	66	68	E.	0	Mean Daily Dew-point, 55.0.
13	30.16	70	51	S.E.	0	Mean Daily Relative Humidity, 63.3.
14	30.00	74	58	S.W.	0	Prevailing Direction of Wind, S.W.
15	29.90	72	72	S.W.	0	Total Movement of Wind, 7,037 miles.
16	29.90	65	72	N.W.	.59	Highest Velocity of Wind and Direction, 31 — N.W. on the 2d.
17	30.28	63	50	W.	0	Number of Foggy Days, 1.
18	30.27	66	52	S.W.	0	Number of Clear Days, 15
19	30.00	72	63	S.W.	0	Number of Cloudy Days, 4.
20	29.82	80	52	W.	0	Total Number of Days on which Rain or Snow fell, 9.
21	29.88	80	50	W.	0	Depth of Unmelted Snow on ground at end of month, 0.0.
22	29.98	74	54	N.W.	0	Dates of Auroras, none.
23	30.12	66	76	E.	* T	Dates of Lunar Halos, 7th, 10th.
24	29.96	76	94	S.W.	.20	Dates of Solar Halos, none.
25	29.93	75	57	N.W.	0	Thunder Storms, 24th, 28th, 29th, 30th.
26	30.18	67	54	N. & S.E.	0	Dates of Frosts, none.
27	30.16	68	62	E.	0	Mean Maximum Temperature, 79.5.
28	30.11	74	72	S.W.	.12	Mean Minimum Temperature, 60.1.
29	30.02	74	80	S.W.	.03	
30	30.00	78	64	S.W.†	.10	
31	—	—	—	—	—	
TOTALS.....	—	—	—	—	1.08	
MEANS.....	30.032	69.9	63.3	S.W.	—	
						MEAN TEMPERATURE for this month in
						1871 66
						1872 69
						1873 67
						1874 66
						1875 67
						1876 69
						1877 67
						1878 65
						1879 65
						1880 69
						1881 62
						1882 67
						1883 70
						1884 67
						1885 67
						1886 63
						1887 65
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						1895 67
						1896 66
						1897 62
						1898 66
						1899 70
						1900 69
						1901 68
						1902 64
						1903 60
						1904 64
						1905 65
						1906 66
						1907 65
						1908 70
						1871 5.55
						1872 4.84
						1873 0.54
						1874 3.94
						1875 7.25
						1876 1.72
						1877 3.21
						1878 2.28
						1879 6.24
						1880 0.75
						1881 7.79
						1882 1.08
						1883 2.07
						1884 4.01
						1885 8.70
						1886 1.34
						1887 1.98
						1888 2.69
						1889 2.77
						1890 2.21
						1891 3.06
						1892 3.05
						1893 2.20
						1894 0.80
						1895 1.73
						1896 2.71
						1897 4.46
						1898 1.60
						1899 2.86
						1900 1.85
						1901 1.31
						1902 1.77
						1903 7.19
						1904 2.05
						1905 5.23
						1906 2.57
						1907 3.56
						1908 1.08

Average mean temperature for 38 years, 66.3°. Average monthly precipitation for 38 years, 3.02 inches. * T Indicates trace of precipitation.

† Reduced to mean for 24 hours.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of July, 1908.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of July, 1908 962.
Population estimated at 617,075. Rate per 1,000 inhabitants, 18.71.

Total number 962

SEX.

Males 514
Females 448

CONDITION.

Single 595
Married 219
Widowed 116
Divorced —
Unknown 32

COLOR.

White 942
Black (Negro or mixed) 20
Chinese —
Japanese —

Total deaths of children, $\left\{ \begin{array}{l} \text{Under 1 year} 304 \\ \text{Under 2 years} 353 \\ \text{Under 5 years} 405 \end{array} \right.$

Diarrhœal diseases, $\left\{ \begin{array}{l} \text{Under 1 year} 129 \\ \text{Under 2 years} 145 \\ \text{Under 5 years} 152 \\ \text{All ages} 161 \end{array} \right.$

NATIVITY.

United States 663
Ireland 119
England 17
Scotland 5
Germany 23
British America 47
Italy 17
Russia 21
Sweden 7
Other Countries 10
Unknown 33

PARENTAGE.

United States 214
Irish 243
English 15
Scotch 12
German 30
British American 49
Italian 59
Russian 54
Swedish 9
Other Countries 48
Mixed 89
One parent unknown 60
Unknown 80
Still-births during the month 48

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1908.	AGE.																		SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for July, 1908.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	5 years and under 6 years.	6 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Apparatus.—Concluded.																												
78. Endocarditis, acute	17								1	1				4	2	1	1	2	3						2		8	9
79. Organic diseases of the heart	59						1	2	1	3	2	2	2	5	2	7	4	6	9	4	5	2	2			33	2	
80. Angina pectoris																												
81. Affections of the arteries (atheroma, aneurism, etc.)	12																1	3	2	2	2	2				9	3	
82. Embolism and thrombosis	4								1							1	1				1						1	3
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)	1														1												1	
84. Affections of the lymphatic system (lymphangitis, etc.)	1	1					1																				1	
85. Hemorrhages	2	1					1						1															2
86. Other affections of the circulatory apparatus																												
Total of circulatory apparatus	96	2					2	1	2	3	4	2	2	3	9	5	9	7	11	14	6	8	4	4		53	43	
IV. Diseases of the Respiratory Apparatus.																												
87. Diseases of the nasal fossae																												
88. Affections of the larynx																												
89. Affections of the thyroid body	1										1																	1
90. Bronchitis, acute	5	4				4															1					3	2	
91. Bronchitis, chronic	3																			2		1					3	
92. Broncho-pneumonia	11	6		1		1	8	1									1	1								7	4	
93. Pneumonia	29	8	3	1		1	13				1		2	2	2	2		2	2		3					17	12	
94. Pleurisy	7	2	1	1		4	2													1						3	4	
95. Pulmonary congestion and apoplexy	4																		1	1	1	1					4	
96. Gangrene of the lung																												
97. Asthma																												
98. Emphysema, pulmonary																												
99. Other diseases of the respiratory apparatus (phthisis excepted)																												
Total respiratory apparatus	60	18	5	3	1	2	29	3			2		2	2	2	2	1	3	3	4	5	2				30	30	
V. Diseases of the Digestive Apparatus.																												
100. Affections of the mouth and its adnexa																												
101. Affections of the pharynx																												
102. Affections of the esophagus																												
103. Ulcer of the stomach	3									1						1				1							1	2
104. Other affections of the stomach (cancer excepted)	14	7				7	1			1	1						2	1							1	8	6	
105. Diarrhea and enteritis (under two years)	145	129	16				145																				68	77
105a. Diarrhea and enteritis, chronic																												
106. Diarrhea and enteritis (two years and over)	16			4	1	2	7	1				1						1	2	3	1					7	9	
107. Parasites, intestinal																												
108. Hernia, intestinal obstructions	6	1					1							2			1			1	1					4	2	
109. Other affections of the intestines																												
110. Icterus, grave																												
111. Hydatid tumors of the liver																												
112. Cirrhosis of the liver																												
113. Biliary calculi	3																		1	2						1	2	
114. Other affections of the liver	3											1	1	1												1	2	
115. Affections of the spleen																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

CAUSES OF DEATH

Total Mortality for July, 1908.

Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.
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Males.	Females.
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V. Diseases of the Digestive Apparatus.

116. Peritonitis, simple (puerperal excepted),	4	1				1				1			1	1										1	3	
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																										
118. Appendicitis and abscess of the iliac fossa	8			1		1	1	3	1		1	1												6	3	
Total digestive apparatus	202	138	16	5	1	2	162	3	3	1	1	3	3	1	3	3	3	3	2	7	2			1	96	106

VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.

119. Nephritis, acute	3			1		1					1	1													3	
120. Bright's disease	22	1				1				1	1	2	1	1		1	4	1	2	4			2	1	8	14
121. Other diseases of the kidneys and their adnexa	1																	1							1	
122. Calculi of the urinary tract																										
123. Diseases of the bladder	1																		1						1	
124. Diseases of the urethra, urinary abscess, etc.	1												1												1	
125. Diseases of the prostate	3														1		1	1							3	
126. Non-venereal diseases of the male genital organs																										
127. Metritis																										
128. Hemorrhage, uterine, non-puerperal																										
129. Tumor, uterine, non-cancerous																										
130. Other diseases of the uterus																										
131. Cysts and other tumors of the ovary																										
132. Other diseases of the female genital organs																										
133. Diseases of the breast, non-puerperal (cancer excepted)																										
Total genito-urinary	31	1		1		2				1	1	3	2	2		2	4	2	4	5		2	1		14	17

VII. Puerperal State.

134. Accidents of pregnancy																									
135. Hemorrhage, puerperal																									
136. Other accidents of labor	2								1	1															2
137. Septicemia, puerperal	2								1			1													2
138. Albuminuria and puerperal eclampsia,	2									1			1												2
139. Phlegmasia alba dolens, puerperal																									
140. Other puerperal accidents—sudden death																									
141. Puerperal diseases of the breast																									
Total puerperal	6								1	2	1		1	1											6

VIII. Diseases of the Skin and Cellular Tissue.

142. Gangrene																									
143. Furuncle (carbuncle)																									
144. Phlegmon, warm abscess	1							1																	1
145d. Other diseases of the skin and its adnexa																									
Total skin tissue	1							1																	1

IX. Diseases of the Organs of Locomotion.

146. Affections of the bones (non-tuberculous)																									
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted)																									
148. Amputation																									

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1908.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs, locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	12	12					12																			8	4
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	47	47					47																			29	18
152. Other diseases appertaining to infancy,	1	1					1																			1	
153. Lack of care	10	10					10																			6	4
Total early infancy	58	58					58																			35	23
XII. Old Age.																											
154. Senile debility	13																1	1	2	2	3	3	1		3	10	
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	2										1						1									2	
156. Suicide by asphyxia	1															1										1	
157. Suicide by hanging or strangulation	2																1							1	1	1	
158. Suicide by submersion	1															1										1	
159. Suicide by firearms	4									2				1		1										4	
160. Suicide by cutting instruments	1										1															1	
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides	1															1										1	
164. Fractures	23		2	1	2	1	6	2	1	1	1	1	2	2	3	1		1	1			1			19	4	
165a. Luxations																											
166. Other accidental traumatisms	15							1		2		2		1	2		3	3		1					13	2	
167. Burns and scalds	5		1		1	2	1		1							1									1	4	
168. Burns by corrosive substances																											
169. Insolation	6	1				1						1	1		1					1				1	4	2	
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	8							2			1	1	1		1		2									8	
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)	5			1		1					1	1		1		1									2	3	
175. Other acute poisonings																											
176. Other external violence	13	8				8	1					1	1		1				1						6	7	
Total affections, etc.	87	9	2	2	3	2	18	5	3	4	2	8	6	7	5	5	7	5	6		2	1	1	1	1	62	25
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	34	33	2				35								1			1	1						25	18	
Total ill-defined diseases	34	33	2				35								1			1	1						25	18	
Total from all causes,	962	304	49	25	14	13	405	29	15	16	34	38	38	34	43	29	43	48	48	40	39	31	19	10	3	514	448

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses, including four or more families, 5,696. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JULY, 1908, AND FOR THE CORRESPONDING MONTH IN 1907.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JULY, 1908.	JULY, 1907.	JULY, 1908.	JULY, 1907.		JULY, 1908.	JULY, 1907.	JULY, 1908.	JULY, 1907.
Cholera	—	—	—	—	Measles	305	215	—	—
Chicken-pox	25	22	—	—	Scarlatina	125	105	—	—
Cerebro-spinal Meningitis	7	13	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	232	188	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	98	73	—	—
Tuberculosis	209	201	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	1,793	Cattle condemned, 9	3,703 lbs.
Calves "	1,417	Calves "	1 37 "
Sheep "	172	Sheep "	— — "
Hogs "	3,362	Hogs " 2 and parts, 398	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 266 lbs.	950 lbs.	Miscellaneous, 5 bush.
" (tainted) 888 "		Fruit 23 "
Poultry " 466 "	Lobster meat, 5 lbs.	
Mutton " — "	Spaghetti 106 boxes.	
Beef " 663 "		
Pork " 332 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	439
" "	" " Wagons	483
" "	" brought in by Citizens	17
" "	" for bacteriological examination, 264	
" "	Vinegar	92
" "	Butter and Cheese	13
Total Samples,		1,308

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	115
	Positive for release	34
	Negative for diagnosis	430
	Negative for release	138
	"No growth" cultures	5 722
TUBERCULOSIS:	Positive	75
	Negative	203
	Unsatisfactory	— 278
TYPHOID:	Positive	45
	Negative	146
	Unsatisfactory	13 204

GLANDERS:	Positive	3
	Negative	7
	Unsatisfactory	4 14
Other examinations:	* Positive	22
	Negative	33
	Unsatisfactory	3 58
BACTERIOLOGICAL MILK EXAMINATIONS		264
Total		1,540

* Genito-urinary, T. B., Rabies, T. B. fluid, Malaria, Ophthalmia, Gonorrhoea, K. L. Virulence, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of July, 1908, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.21	72	66	E.	0	Mean Barometer, 30.039
2	30.24	80	75	S.W.	*T	Highest Barometer, 30.30
3	30.18	76	74	S.W.	*T	Lowest Barometer, 29.64
4	30.16	76	84	S.W.	.11	Monthly Range of Barometer, 0.66.
5	30.08	82	76	S.W.	0	Mean Temperature, 74.2°.
6	30.11	82	51	W.	0	Highest Temperature, 97°.
7	29.98	84	60	W. & S.W.	0	Lowest Temperature, 58°.
8	29.90	74	59	W.	0	Monthly Range of Temperature, 39°.
9	30.14	68	53	S.E.	0	Greatest Daily Range of Temperature, 27°
10	30.08	71	64	S.W.	0	Least Daily Range of Temperature, 4°
11	29.98	75	65	S.W.	0	Mean Daily Range of Temperature, 17.4°.
12	29.85	84	63	W.	*T	Mean Daily Dew-point, 62.6.
13	29.85	82	52	W.	0	Mean Daily Relative Humidity, 71.4.
14	29.79	76	70	S.W.	.09	Prevailing Direction of Wind, S.W.
15	29.80	72	60	N.W.	.04	Total Movement of Wind, 6,987 miles.
16	30.00	68	45	N.W.	0	Highest Velocity of Wind and Direction, 28—W. on the 8th.
17	29.99	69	63	S.	*T	Number of Foggy Days, 2. Number of Fair Days, 14.
18	29.66	79	76	S.W.	.29	Number of Clear Days, 6. Number of Cloudy Days, 11.
19	29.82	71	87	E.	.03	Total Number of Days on which Rain or Snow fell, 7.
20	30.14	68	86	E.	0	Depth of Unmelted Snow on ground at end of month, 0.0.
21	30.24	66	86	E.	0	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.06	71	90	S.E.	.93	Dates of Solar Halos, none. Thunder Storms, 4, 12, 14, 15, 18.
23	30.14	80	73	S.W.	0	Dates of Frosts, none.
24	30.26	70	92	E.	*T	Mean Maximum Temperature, 82.8. Mean Minimum Temperature, 65.5.
25	30.24	61	96	N.E.	1.68	MEAN TEMPERATURE for this month is: Total Precipitation for this Month in Inches
26	30.18	70	74	N.W.	0	1871 71 1871 3.22
27	30.02	76	62	W.	0	1872 76 1872 4.00
28	30.16	68	84	E.	0	1873 73 1873 3.84
29	30.20	72	76	S.W.	0	1874 73 1874 3.47
30	30.09	78	70	S.W.	0	1875 72 1875 3.93
31	29.60	80	73	S.W.	0	1876 74 1876 5.86
TOTALS.....	—	—	—	—	3.17	1877 71 1877 2.27
MEANS.....	30.039	74.2	71.4	S.W.	—	1878 74 1878 4.58
						1879 71 1879 3.09
						1880 72 1880 6.86
						1881 70 1881 2.96
						1882 73 1882 3.91
						1883 72 1883 2.73
						1884 69 1884 4.25
						1885 72 1885 1.44
						1886 71 1886 1.51
						1887 75 1887 3.50
						1888 69 1888 1.79
						1889 69 1889 5.80
						1890 71 1890 1.93
						1891 69 1891 3.73
						1892 73 1892 2.56
						1893 71 1893 1.72
						1894 74 1894 3.09
						1895 69 1895 2.98
						1896 72 1896 2.90
						1897 72 1897 4.22
						1898 72 1898 4.42
						1899 73 1899 2.52
						1900 74 1900 2.69
						1901 73 1901 5.36
						1902 68 1902 2.68
						1903 71 1903 2.99
						1904 71 1904 1.23
						1905 73 1905 1.00
						1906 70 1906 5.38
						1907 72 1907 1.09
						1908 74 1908 3.17

Average mean temperature for 88 years, 72°. Average monthly precipitation for 88 years, 3.29 inches. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of August, 1908.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of August, 1908 1,051.
Population estimated at 617,075. Rate per 1,000 inhabitants, 20.44.

Total number 1,051

SEX.

Males 538
Females 513

CONDITION.

Single 658
Married 225
Widowed 144
Divorced 5
Unknown 19

COLOR.

White 1,023
Black (Negro or mixed) 25
Chinese 3
Japanese —

Total deaths of children, { Under 1 year 405
 { Under 2 years 462
 { Under 5 years 502

Diarrhœal diseases, { Under 1 year 195
 { Under 2 years 215
 { Under 5 years 224
 { All ages 252

NATIVITY.

United States 752
Ireland 182
England 19
Scotland 3
Germany 16
British America 45
Italy 18
Russia 15
Sweden 3
Other Countries 25
Unknown 23

PARENTAGE.

United States 229
Irish 253
English 18
Scotch 3
German 19
British American 60
Italian 69
Russian 59
Swedish 8
Other Countries 79
Mixed 99
One parent unknown 80
Unknown 75
Still-births during the month 62

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1886.	AGE.																								SEX.	
																										Males.	Females.
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.		
I. General Diseases.																											
1. Typhoid Fever	6											2	1		1	1		1								4	2
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia	1													1												1	
4a. Malarial cachexia																											
5. Variola																											
6. Measles	3	1	1	1			3																			3	
7. Scarlatina	7		2			2	4	2	1																	3	4
8. Whooping cough	11	5	3	1	2		11																			6	5
9. Diphtheria and croup	1		1				1																			1	
9a. Diphtheria	7					1	3	4	2		1															4	3
10. Grippe																											
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras	1	1					1																			1	
14. Dysentery	3	1					1											1					1			3	
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	5	3					3								1						1					4	1
19. Other epidemic affections	1	1					1																			1	
20. Purulent infection and septicaemia	4									1		1			1					1						1	3
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx	1												1														
27. Tubercle of the lungs	79	2	3				5	1	1	2	7	13	11	9	12	7	3	1	3	4						35	44
28. Tubercle of the meninges	18	5	7	3	1	1	17	1																		12	6
29. Tubercle, abdominal	2		1	1			2																			2	
30. Pott's diseases	1																1									1	
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs																											
34. Tubercle, generalized																											
35. Scrofula																											
36. Syphilis																											
3. Tertiary																											
4. Hereditary	6	6					6																			5	1
37. Blennorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	2																2									1	1
40. Cancer and other malignant tumors of the stomach and liver	11													1		2	1	2	3	1		1				1	1

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for August, 1908.	AGE.																		SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — Concluded.																											
78. Endocarditis, acute	18							1	1		4	1			1	2		2	2	2						10	2
79. Organic diseases of the heart	61	1	1			2	5	1	3		2	6	3	3	8	2	3	5	2	7	6		3			18	4
80. Angina pectoris	1														1											1	
81. Affections of the arteries (atheroma, aneurism, etc.)	18														1	2	1	3	2	1	3	2	2	1		9	9
82. Embolism and thrombosis	7											3						1	1		1					3	4
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)															1												
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	1	1				1																				1	
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	106	2	1			3	6	1	4		6	6	7	3	11	5	6	9	7	10	12	4	5	1		42	64
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ	1							1																			1
88. Affections of the larynx																											
89. Affections of the thyroid body	1													1												1	
90. Bronchitis, acute	4	1	2			3															1				1	3	
91. Bronchitis, chronic	3	2			2									1											2	1	
92. Broncho-pneumonia	21	11	3			14	1							1		1	2	1		1					10	11	
93. Pneumonia	46	6	6	2	1	1	16	1	1		1	2	4	2	3	1		3	2	2	2	4	2			21	25
94. Pleurisy	1									1																1	
95. Pulmonary congestion and apoplexy	3	1				1			1		1									1		1			3	2	
96. Gangrene of the lung																											
97. Asthma	2																1				1				1	1	
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)	1										1														1		
Total respiratory apparatus	85	21	11	2	1	1	36	3	1	1	2	2	6	3	4	2		5</									

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1908.		AGE.																				SEX.					
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Continued.																												
149. Other affections of the organs of locomotion																												
Total organs, locomotion																												
X. Malformations.																												
150. Malformations, congenital (still-births excepted)	11	11						11																			4	7
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	75	75						75																			46	29
152. Other diseases appertaining to infancy,	2	2						2																				2
153. Lack of care	12	12						12																			7	5
Total early infancy	89	89						89																			53	36
XII. Old Age.																												
154. Senile debility	33																	4		1	2	4	2			3	10	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	3												1			2											2	1
156. Suicide by asphyxia																												
157. Suicide by hanging or strangulation																												
158. Suicide by submersion	1													1													1	
159. Suicide by firearms	3												1		1				1							3		
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	18	1	1				1	3	1				1	2		1	1			1	2	1				11	2	
165a. Luxations	1															1											1	
166. Other accidental traumatism	16							1		1	2	1	2	1	2	1	4		1							15	1	
167. Burns and scalds	2	1					1	2																				2
168. Burns by corrosive substances																												
169. Insolation	1	1						1																			1	
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	6							1	1		1	1	1	1													6	
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)	1		1					1																			1	
175. Other acute poisonings	1																	1									1	
176. Other external violence	10	7						7						1			1	1									5	5
Total affections, etc.	68	10	1	1			2	14	3	1	1	3	3	7	4	5	4	6	1	2	1	2	1				47	11
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	35	30	3					1	34									1									23	12
Total ill-defined diseases	35	30	3					1	34									1									23	12
Total from all causes,	1,051	405	87	16	12	12	502	25	7	17	20	37	40	34	41	50	35	44	40	49	29	35	23	18	6	538	513	

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses, including four or more families, 5,696. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF AUGUST, 1908, AND FOR THE CORRESPONDING MONTH IN 1907.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	AUG., 1908.	AUG., 1907.	AUG., 1908.	AUG., 1907.		AUG., 1908.	AUG., 1907.	AUG., 1908.	AUG., 1907.
Cholera	—	—	—	—	Measles	56	102	—	—
Chicken-pox	15	7	—	—	Scarlatina	119	96	—	—
Cerebro-spinal Meningitis	4	5	—	—	Smallpox	—	1	—	—
Diphtheria and Croup	174	141	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	127	80	—	—
Tuberculosis	189	240	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,335	Cattle condemned, 12	4,150 lbs.
Calves "	1,325	Calves "	"
Sheep "	44	Sheep "	"
Hogs "	2,532	Hogs " 3 and parts, 504	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) — lbs.	— lbs.	Miscellaneous, 4 bush.
" (tainted) 402 "		Fruit . . . 6 "
Poultry " 1,399 "		
Mutton " — "		
Beef " 633 "		
Pork " 119 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	458
" "	" " Wagons	662
" "	" brought in by Citizens	23
" "	" for bacteriological examination, 325	
" "	Vinegar	49
" "	Butter and Cheese	10
	Total Samples,	1,527

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	91	GLANDERS:	Positive	6
	Positive for release	37		Negative	13
	Negative for diagnosis	277		Unsatisfactory	4 . . . 23
	Negative for release	126	Other examinations: * Positive	13	
	"No growth" cultures	8 . . . 530		Negative	47
TUBERCULOSIS:	Positive	69		Unsatisfactory	4 . . . 64
	Negative	197	BACTERIOLOGICAL MILK EXAMINATIONS	325	
	Unsatisfactory	— . . . 266			
TYPHOID:	Positive	38	Total	1,420	
	Negative	154			
	Unsatisfactory	11 . . . 203			

* Malaria, Ophthalmia, Rabies, Gonorrhoea, Paratyphoid, Conradi typhoid, Xeroderma, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of August, 1908, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.84	70	64	N.E.	0	Mean Barometer, 30.025
2	29.85	74	56	N.W.	0	Highest Barometer, 30.84
3	30.07	72	58	N.W.	0	Lowest Barometer, 29.67
4	30.04	72	79	S.	.08	Monthly Range of Barometer, 0.67.
5	29.89	72	94	S.W.	.39	Mean Temperature, 69.4°.
6	29.88	74	88	S.W.	.40	Highest Temperature, 90°.
7	29.84	70	93	S.W.	1.73	Lowest Temperature, 47°.
8	29.78	73	80	W.	0	Monthly Range of Temperature, 43°.
9	29.84	72	74	W. & S.W.	0	Greatest Daily Range of Temperature, 23°
10	29.90	72	80	S.E.	0	Least Daily Range of Temperature, 5°
11	30.03	75	82	S.W.	.01	Mean Daily Range of Temperature, 13.4°.
12	30.09	74	83	S.W.	0	Mean Daily Dew-point, 59.0.
13	29.98	80	84	S.W.	.01	Mean Daily Relative Humidity, 72.6.
14	30.01	82	66	W.	0	Prevailing Direction of Wind, S.W.
15	30.11	75	60	N.	0	Total Movement of Wind, 7,013 miles.
16	30.30	66	75	E.	0	Highest Velocity of Wind and Direction, 28—N.E. on the 27th.
17	30.10	66	84	S.	.16	Number of Foggy Days, 0. Number of Fair Days, 10.
18	29.82	74	65	N.W.	0	Number of Clear Days, 10. Number of Cloudy Days, 11.
19	29.75	70	70	W.	0	Total Number of Days on which Rain or Snow fell, 9.
20	29.90	66	50	N.W.	0	Depth of Unmelted Snow on ground at end of month, 0.0.
21	30.12	66	58	S.W.	0	Dates of Auroras, 9. Dates of Lunar Halos, none.
22	29.96	68	94	S.W.	.20	Dates of Solar Halos, none. Thunder Storms, 4, 5, 7, 13.
23	30.00	72	94	W.	0	Dates of Frosts, none.
24	30.10	65	56	E.	0	Mean Maximum Temperature, 76.1. Mean Minimum Temperature, 62.6.
25	30.30	62	68	S.E.	0	MEAN TEMPERATURE for this month is: Total Precipitation for this Month is Inches
26	30.26	58	92	N.E.	1.37	1871 72 1871 3.08
27	30.24	60	78	N.E.	0	1872 73 1872 10.63
28	30.26	58	68	N.	0	1873 70 1873 6.21
29	30.22	57	64	S.E.	0	1874 68 1874 6.67
30	30.22	68	67	W.	0	1875 71 1875 3.50
31	30.33	66	67	E.	0	1876 70 1876 1.23
TOTALS.....	—	—	—	—	4.35	1877 72 1877 4.49
MEANS.....	*30.084	69.4	72.6	S.W.	—	1878 70 1878 7.66
						1879 69 1879 6.71
						1880 71 1880 2.90
						1881 71 1881 1.23
						1882 72 1882 1.46
						1883 68 1883 0.39
						1884 70 1884 5.01
						1885 68 1885 7.64
						1886 68 1886 3.64
						1887 68 1887 3.05
						1888 70 1888 6.53
						1889 67 1889 3.95
						1890 69 1890 2.70
						1891 70 1891 3.87
						1892 70 1892 4.87
						1893 70 1893 6.46
						1894 68 1894 3.03
						1895 71 1895 3.24
						1896 71 1896 2.15
						1897 70 1897 3.95
						1898 73 1898 6.38
						1899 69 1899 2.52
						1900 71 1900 2.46
						1901 71 1901 2.25
						1902 68 1902 2.20
						1903 65 1903 3.33
						1904 69 1904 3.19
						1905 69 1905 3.39
						1906 72 1906 1.58
						1907 70 1907 1.10
						1908 69 1908 4.35

Average mean temperature for 38 years, 70°. Average monthly precipitation for 38 years, 3.62 inches.

* Mean of 8 A.M. and 8 P.M. readings. † Reduced to means for 24 hours.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of September, 1908.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of September, 1908 954.
Population estimated at 617,075. Rate per 1,000 inhabitants, 18.55.

Total number 954

SEX.

Males 522

Females 432

CONDITION.

Single 568

Married 233

Widowed 125

Divorced 7

Unknown 21

COLOR.

White 928

Black (Negro or mixed) 25

Chinese 1

Japanese —

Total deaths of children, { Under 1 year 300
Under 2 years 349
Under 5 years 386

Diarrhœal diseases, { Under 1 year 112
Under 2 years 132
Under 5 years 135
All ages 151

NATIVITY.

United States 652

Ireland 134

England 20

Scotland 3

Germany 23

British America 61

Italy 7

Russia 12

Sweden 4

Other Countries 19

Unknown 19

PARENTAGE.

United States 188

Irish 256

English 21

Scotch 7

German 28

British American 68

Italian 55

Russian 50

Swedish 7

Other Countries 53

Mixed 87

One parent unknown 57

Unknown 77

Still-births during the month 46

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1905.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
1. General Diseases.																												
1. Typhoid Fever	15		1				1	1		2	5	1	1	2	1	1											11	4
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola																												
6. Measles	6	3	2	1			6																				2	4
7. Scarlatina	1				1			1																			1	
8. Whooping cough	9	5	1	1	1		8	1																			3	6
9. Diphtheria and croup	1				1		1																				1	
2a. Diphtheria	18		3	8	1	3	10	7	1																		9	9
10. Grippe																												
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras	2																	1		1							1	1
14. Dysentery	3		1				1											1			1						1	2
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	4	2	1				3											1									2	2
19. Other epidemic affections																												
20. Purulent infection and septicemia . .	5	2					2									1	1						1				2	3
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc. . . .																												
25. Pellagra																												
26. Tubercle of the larynx																												
27. Tubercle of the lungs	76	1	1				2	3		3	11	9	14	13	10	3	4	1	2	1							35	41
28. Tubercle of the meninges	12	6	2		3	1	12																				5	7
29. Tubercle, abdominal	5				1	1				1	1					1	1										3	2
30. Pott's disease																												
31. Abscess, cold and by congestion . . .																												
32. Tumors, white (white swellings) . . .																												
33. Tubercle of other organs																												
34. Tubercle, generalized	3	1	1				2	1																			2	1
35. Scrofula																												
36. Syphilis																												
3. Tertiary																												
4. Hereditary																												
37. Bleorrhagia of the adult	2	2					2																				1	1
38. Gonococcal infections of the child . .																												
39. Cancer and other malignant tumors of the buccal cavity	3		1				1													1		1					1	2
40. Cancer and other malignant tumors of the stomach and liver	16										1			1				6	1	3	2	1	1				5	11

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1908.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	11														1	1	2	3	1	2	1					5	6	
42. Cancer and other malignant tumors of the genital organs of the female . . .	5													1		2	1		1									
43. Cancer and other malignant tumors of the breast	4														1	1	1				1						4	
44. Cancer and other malignant tumors of the skin	1																							1			1	
45. Cancer and other malignant tumors of organs not specified	10	1					1									1	2	1	2	1	1	1				5	5	
46. Other tumors (tumors of the female genital organs excepted)																												
47. Rheumatism, acute, articular	3							1							1				1								2	1
48. Rheumatism, chronic, and gout.																												
49. Scorbutus																												
50. Diabetes	8										1							1	3	1	1	1					3	5
51. Gout, exophthalmic																												
52. Addison's disease	1															1											1	
53. Leukemia	3									1	2																3	
54. Anemia, chlorosis	6											1			1	2					1	1					3	3
55. Other general diseases																												
56. Alcoholism, acute and chronic	2													2													1	1
57. Saturnism	1														1												1	
58. Other trade intoxications																												
59. Other chronic poisonings																												
Total general diseases	236	23	11	8	8	4	54	13	2	7	19	13	17	17	16	13	11	12	15	9	9	6	2	1		109	127	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis																												
61. Meningitis, simple	8	4	2				6		1							1											6	2
61a. Meningitis, epidemic cerebro-spinal . .	3	1	1				2									1											3	
62. Locomotor ataxia, progressive	1																				1						1	
63. Other diseases of the spinal cord	2																		1	1							2	
64. Cerebral congestion and hemorrhage . .	34	2					2						2	3	2	1	2	3	4	3	5	1	4	2		10	24	
65. Cerebral softening	1																				1						1	
66. Paralysis, without cause assigned	7														1	1	2				1	1	1			4	3	
67. General paralysis	6													1	1		2	1		1						3	3	
68. Other forms of mental alienation																												
69. Epilepsy	1										1																1	
70. Eclampsia (non-puerperal)																												
71. Convulsions of children	2	1	1				2																				2	
72. Tetanus																												
73. Chorea																												
74. Hysteria																												
74b. Other affections of the nervous system .	4	1					1	1					1	1													3	1
75. Diseases of the eye and appendages . . .	1						1	1																			1	
76. Diseases of the ear	2	1					1		1																		1	1
Total of the nervous system, etc.,	72	10	4				1	15	1	1	1	1	1	2	3	3	3	6	6	5	5	6	4	5	2		32	40
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis	2																1				1						2	

CAUSES OF DEATH.

CAUSES OF DEATH.		Total Mortality for September, 1908.		AGE.																				SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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III. Diseases of the Circulatory Apparatus. — Concluded.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for September, 1908.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
V. Diseases of the Digestive Apparatus.																												
—Concluded.																												
116. Peritonitis, simple (puerperal excepted),	2			1		1			1																		1	1
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																												
118. Appendicitis and abscess of the iliac fossa	5						1			1	1		1		1												3	2
Total digestive apparatus	192	121	20	3	-3	147	2		1		1	2	5	4	1	5	8	3	6	3	2	2					103	80
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																												
119. Nephritis, acute	15	2				2			1		1	2	1	1					1								7	2
120. Bright's disease	29								1		1	1	1	1	3	9	4	2	1	4	1						17	12
121. Other diseases of the kidneys and their adnexa	1										1																1	
122. Calculi of the urinary tract	1											1															1	
123. Diseases of the bladder	1												1														1	
124. Diseases of the urethra, urinary abscess, etc.														1														
125. Diseases of the prostate	2																		1		1					2		
126. Non-venereal diseases of the male genital organs																												
127. Metritis																												
128. Hemorrhage, uterine, non-puerperal																												
129. Tumor, uterine, non-cancerous																												
130. Other diseases of the uterus																												
131. Cysts and other tumors of the ovary	1																	1									1	
132. Other diseases of the female genital organs	2										1			1													2	
133. Diseases of the breast, non-puerperal (cancer excepted)																												
Total genito-urinary	46	2				2			2	1	3	3	4	3	3	10	4	4	1	5	1						27	19
VII. Puerperal State.																												
134. Accidents of pregnancy																												
135. Hemorrhage, puerperal																												
136. Other accidents of labor																												
137. Septicemia, puerperal	1								1																			
138. Albuminuria and puerperal eclampsia,																												
139. Phlegmasia alba dolens, puerperal																												
140. Other puerperal accidents—sudden death																												
141. Puerperal diseases of the breast																												
Total puerperal	1								1																		1	
VIII. Diseases of the Skin and Cellular Tissue.																												
142. Gangrene																												
143. Furuncle (carbuncle)																												
144. Phlegmon, warm abscess																												
145d. Other diseases of the skin and its adnexa																												
Total skin tissue																												
IX. Diseases of the Organs of Locomotion.																												
146. Affections of the bones (non-tuberculous)	4						1	1	1		1																1	3
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted)																												
148. Amputation																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1908.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs, locomotion	4							1	1	1		1														1	3	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)	5	4	1				5																			4	1	
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	54	54					54																			32	22	
152. Other diseases appertaining to infancy,	2	2					2																				2	
153. Lack of care	11	11					11																			8	3	
Total early infancy	67	67					67																			40	27	
XII. Old Age.																												
154. Senile debility	21																			1	4	3	7	5	1	9	12	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	1										1															1		
156. Suicide by asphyxia																												
157. Suicide by hanging or strangulation	1																1									1		
158. Suicide by submersion	2											2															2	
159. Suicide by firearms																												
160. Suicide by cutting instruments	1														1											1		
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	17			1	1		1			2	3	1	2	3	3		1									14	3	
165a. Luxations																												
166. Other accidental traumatism	18			2	2	1	1	2	1	1	3	2	1	2	1		1									16	2	
167. Burns and scalds	8		2	1			3	1				1			1		1	1								4		
168. Burns by corrosive substances	1																	1								1		
169. Insolation	1															1										1		
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	3				1	1				1	1															3		
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)	6										2	2					1		1							4	2	
175. Other acute poisonings																												
176. Other external violence	14	12					12	1							1											12	2	
Total affections, etc.	73	12	2	1	1	3	19	3	2	2	2	6	12	3	3	8	5	3	4	1						58	15	
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	47	37	5	1			43			1	1					1	1									51	16	
Total ill-defined diseases	47	37	5	1			43			1	1					1	1									51	16	
Total from all causes,	854	800	49	14	14	9	386	26	5	15	34	29	40	44	39	42	44	55	44	40	35	31	26	14	2	622	492	

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. *Tenement houses, including four or more families, 5,696. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF SEPTEMBER, 1908, AND FOR THE CORRESPONDING MONTH IN 1907.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	SEPT., 1908.	SEPT., 1907.	SEPT., 1908.	SEPT., 1907.		SEPT., 1908.	SEPT., 1907.	SEPT., 1908.	SEPT., 1907.
Cholera	—	—	—	—	Measles	73	43	1	—
Chicken-pox	21	7	—	—	Scarlatina	145	153	—	—
Cerebro-spinal Meningitis	7	9	—	—	Smallpox	—	1	—	—
Diphtheria and Croup	237	123	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	139	94	—	—
Tuberculosis	204	227	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	3,032	Cattle condemned, 14	6,450 lbs.
Calves "	1,804	Calves "	2 55 "
Sheep "	309	Sheep "	— — "
Hogs "	3,563	Hogs "1 and 9 parts, 948	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 255 lbs.	200 lbs.	Miscellaneous, 1½ bush.
(tainted) 511 "		Fruit "
Poultry " 823 "		
Mutton " 115 "		
Beef " — "		
Pork " — "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	517
" "	" " Wagons	803
" "	" brought in by Citizens	23
" "	" for bacteriological examination, 389	
" "	Vinegar	45
" "	Butter and Cheese	23
Total Samples,		1,800

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	126	GLANDERS:	Positive	6
	Positive for release	55		Negative	12
	Negative for diagnosis	420		Unsatisfactory	24
	Negative for release	124	Other examinations: * Positive	23	
	"No growth" cultures	9 734		Negative	66
TUBERCULOSIS:	Positive	77		Unsatisfactory	98
	Negative	269	BACTERIOLOGICAL MILK EXAMINATIONS	389	
	Unsatisfactory	1 347			
TYPHOID:	Positive	58	Total	1,875	
	Negative	210			
	Unsatisfactory	15 283			

* Malaria, Gonorrhoea, Rabies, Ophthalmia, Genito-urinary T.B., Conrad tests, K.L. virulence, Typhoid urine, Paratyphoids, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of September, 1908, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.13	70	80	S.W.	0	Mean Barometer, 30.099. (Mean for 24 hours.)
2	29.82	66	88	S.W.	*T	Highest Barometer, 30.45
3	30.00	62	63	N.W.	0	Lowest Barometer, 29.73
4	30.21	64	72	W.	0	Monthly Range of Barometer, 0.72.
5	30.14	68	76	S.W.	0	Mean Temperature, 65.8°.
6	29.90	63	83	S.W.	.08	Highest Temperature, 88°.
7	30.00	68	54	N.W.	0	Lowest Temperature, 47°.
8	30.28	64	56	N.W.	0	Monthly Range of Temperature, 41°.
9	30.28	67	58	S.W.	0	Greatest Daily Range of Temperature, 26°
10	30.46	74	64	S.W.	0	Least Daily Range of Temperature, 5°
11	30.05	78	72	W.	*T	Mean Daily Range of Temperature, 16.0°.
12	30.10	68	74	N.E.	0	Mean Daily Dew-point, 53.6.
13	29.98	64	78	N.W.	0	Mean Daily Relative Humidity, 69.2.
14	30.12	65	52	N.E.	0	Prevailing Direction of Wind, S.W.
15	30.43	54	55	E.	0	Total Movement of Wind, 6,696 miles.
16	30.18	57	60	N.	0	Highest Velocity of Wind and Direction, 30—S.
17	29.78	70	44	N.	0	Number of Foggy Days, 1. Number of Fair Days, 8.
18	29.82	73	46	W.	0	Number of Clear Days, 13. Number of Cloudy Days, 9.
19	30.02	67	66	E.	0	Total Number of Days on which Rain or Snow fell, 3.
20	30.36	58	60	N.	0	Depth of Unmelted Snow on ground at end of month, 0.0.
21	30.18	62	70	S.W.	0	Dates of Auroras, 4, 29. Dates of Lunar Halos, 5.
22	30.10	66	74	E.	0	Dates of Solar Halos, 5, 16, 17. Thunder Storms, none.
23	30.08	68	67	S.W.	0	Dates of Frosts, none.
24	30.12	68	78	S.W.	0	Mean Maximum Temperature, 73.8. Mean Minimum Temperature, 57.8.
25	30.28	62	98	E.	0	MEAN TEMPERATURE for this month in Total Precipitation for this Month in inches
26	30.22	68	86	S.W.	0	1871 59 1871 1.30
27	30.18	73	84	S.W.	0	1872 64 1872 6.04
28	30.09	70	85	S.	.15	1873 63 1873 2.91
29	30.00	63	66	W.	.45	1874 64 1874 2.05
30	30.24	54	66	N.W. & E.	0	1875 61 1875 3.12
31	—	—	—	—	—	1876 60 1876 3.84
TOTALS.....	—	—	—	—	0.68	1877 65 1877 0.60
MEANS.....	*30.108	65.8	69.2	S.W.	—	1878 64 1878 1.94
						1879 62 1879 2.86
						1880 65 1880 2.60
						1881 68 1881 10.93
						1882 64 1882 1.50
						1883 60 1883 0.31
						1884 67 1884 1.70
						1885 60 1885 2.73
						1886 63 1886 0.97
						1887 60 1887 6.77
						1888 60 1888 3.19
						1889 63 1889 5.09
						1890 63 1890 1.90
						1891 67 1891 1.59
						1892 62 1892 2.14
						1893 60 1893 1.63
						1894 65 1894 1.83
						1895 68 1895 6.40
						1896 62 1896 2.38
						1897 63 1897 1.93
						1898 66 1898 5.09
						1899 63 1899 4.62
						1900 65 1900 2.50
						1901 65 1901 2.08
						1902 63 1902 2.43
						1903 64 1903 5.57
						1904 62 1904 6.10
						1905 62 1905 2.64
						1906 65 1906 7.43
						1907 64 1907 0.68
						1908 66

Average mean temperature for 38 years, 63°. Average monthly precipitation for 38 years, 3.20 inches. *T indicates trace of precipitation.

* Mean of 8 A.M. and 8 P.M. observed readings.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of October, 1908.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of October, 1908 915.
Population estimated at 617,075. Rate per 1,000 inhabitants, 17.79.

Total number 915

SEX.

Males 478
Females 437

CONDITION.

Single 457
Married 280
Widowed 156
Divorced 2
Unknown 20

COLOR.

White 888
Black (Negro or mixed) 27
Chinese —
Japanese —

Total deaths of children, { Under 1 year 222
Under 2 years 276
Under 5 years 306

Diarrhoeal diseases, { Under 1 year 58
Under 2 years 66
Under 5 years 68
All ages 78

NATIVITY.

United States 577
Ireland 161
England 22
Scotland 9
Germany 13
British America 63
Italy 16
Russia 24
Sweden 4
Other Countries 12
Unknown 14

PARENTAGE.

United States 192
Irish 253
English 9
Scotch 15
German 17
British American 51
Italian 41
Russian 53
Swedish 6
Other Countries 45
Mixed 68
One parent unknown 78
Unknown 87
Still-births during the month 50

CAUSES OF DEATH.

		AGE.																	SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
CAUSES OF DEATH.		Total Mortality for October, 1908.	Under 1 year, 1 year and under 2 years, 2 years and under 3 years, 3 years and under 4 years, 4 years and under 5 years, Total under 5 years.	5 years and under 10 years, 10 years and under 15 years, 15 years and under 20 years, 20 years and under 25 years, 25 years and under 30 years, 30 years and under 35 years, 35 years and under 40 years, 40 years and under 45 years, 45 years and under 50 years, 50 years and under 60 years, 60 years and under 65 years, 65 years and under 70 years, 70 years and under 75 years, 75 years and under 80 years, 80 years and under 85 years, 85 years and under 90 years, 90 years and over.																	Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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CAUSES OF DEATH.

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MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for October, 1908.	AGE.																				SEX.					
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																							
V. Diseases of the Digestive Apparatus.																											
<i>—Concluded.</i>																											
116. Peritonitis, simple (puerperal excepted),	10						4		1	2	1	1	1												2	2	
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	1												1												1		
118. Appendicitis and abscess of the iliac fossa	6										1	2	2									1			2	4	
Total digestive apparatus	17	64	8	2			74	5	1	2	2	3	3	6	4		3	1	2	5	2	3	2	1	1	54	66
VI. Diseases of the Genito-Urinary Apparatus and Its Adnexa.																											
119. Nephritis, acute	6		2			2					2							1		1					5	1	
120. Bright's disease	34							1				2	1	5	4	5	4	3	3	3	2	1			18	16	
121. Other diseases of the kidneys and their adnexa	4													1		1	1					1			2	2	
122. Calculi of the urinary tract	1																		1						1		
123. Diseases of the bladder	1																					1			1		
124. Diseases of the urethra, urinary abscess, etc.	2											1				1									2		
125. Diseases of the prostate																											
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous																											
130. Other diseases of the uterus	1										1																
131. Cysts and other tumors of the ovary	1																	1							1		
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total genito-urinary	50		2			2		1			2	3	2	6	4	6	6	5	4	4	2	3			20	21	
VII. Puerperal State.																											
134. Accidents of pregnancy	1								1																	1	
135. Hemorrhage, puerperal																											
136. Other accidents of labor																											
137. Septicæmia, puerperal	3									1	1	1														3	
138. Albuminuria and puerperal eclampsia,	1										1																
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	5										2	1	2													5	
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	2																1				1				2		
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa	1																1								1		
Total skin tissue	3																	2			1				3		
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)	4	2					2	1		1															4	6	
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted)	1							1																	1		
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1908.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs, locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatism																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses, including four or more families, 5,696. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF OCTOBER, 1908, AND FOR THE CORRESPONDING MONTH IN 1907.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	OCT., 1908.	OCT., 1907.	OCT., 1908.	OCT., 1907.		OCT., 1908.	OCT., 1907.	OCT., 1908.	OCT., 1907.
Cholera	—	—	—	—	Measles	103	41	—	—
Chicken-pox	26	14	1	—	Scarlatina	223	177	—	—
Cerebro-spinal Meningitis	6	10	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	399	192	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	112	95	—	—
Tuberculosis	222	205	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	4,660	Cattle condemned, 25	10,185 lbs.
Calves "	1,863	Calves "	3 101 "
Sheep "	285	Sheep "	— — "
Hogs "	4,216	Hogs " 3 and parts, 715	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

	MEATS.	FISH.	VEGETABLES.
Veal (immature)	425 lbs.	11 lbs.	Miscellaneous, 60 bush
" (tainted)	172 "		Fruit 20 "
Poultry "	871 "		Candy 910 lbs.
Mutton "	39 "		
Beef "	347 "		
Pork "	— "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	689
" "	" " Wagons	976
" "	" brought in by Citizens	33
" "	" for bacteriological examination,	759
" "	Vinegar	118
" "	Butter and Cheese	54
Total Samples,		2,629

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	243
	Positive for release	146
	Negative for diagnosis	634
	Negative for release	330
	"No growth" cultures	11 1,364
TUBERCULOSIS:	Positive	96
	Negative	353
	Unsatisfactory	— 449
TYPHOID:	Positive	48
	Negative	212
	Unsatisfactory	7 267

GLANDERS:	Positive	9
	Negative	11
	Unsatisfactory	4 24
Other examinations:	* Positive	24
	Negative	74
	Unsatisfactory	7 105
BACTERIOLOGICAL MILK EXAMINATIONS		759
Total		2,968

* Rabies, Malaria, Ophthalmia, Gonorrhoea, Conradt tests, Faeces, Genito-urinary Tuberculosis, Aureus, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of October, 1908, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.04	52	89	E. & N.W.	.36	Mean Barometer, 30.145.
2	29.95	52	69	W.	.38	Highest Barometer, 30.58.
3	30.26	52	47	N.W.	0	Lowest Barometer, 29.39.
4	30.34	53	66	N.W.	0	Monthly Range of Barometer, 1.19.
5	30.34	50	83	N.W.	0	Mean Temperature, 55°.
6	30.34	52	82	E. & W.	0	Highest Temperature, 80°.
7	30.24	56	90	S.W.	0	Lowest Temperature, 35°.
8	30.10	62	86	S.W.	0	Monthly Range of Temperature, 45°.
9	30.08	60	94	E.	* T	Greatest Daily Range of Temperature, 28°.
10	30.29	54	81	E.	0	Least Daily Range of Temperature, 4°.
11	29.85	66	82	S.W.	.11	Mean Daily Range of Temperature, 15.4°.
12	30.38	50	52	N.W.	0	Mean Daily Dew-point, 44.7.
13	30.44	52	52	S.W.	0	Mean Daily Relative Humidity, 72.7.
14	30.16	59	58	W. & S.W.	0	Prevailing Direction of Wind, N.W.
15	30.00	62	44	W.	0	Total Movement of Wind, 6,719 miles.
16	30.08	66	59	S.E.	0	Highest Velocity of Wind and Direction, 35 — N.
17	30.17	68	54	N.W.	0	Number of Foggy Days, 3.
18	30.12	71	47	W.	0	Number of Fair Days, 6.
19	30.08	60	54	N.E.	0	Number of Clear Days, 15.
20	30.44	45	58	N.E.	0	Total Number of Days on which Rain or Snow fell, 7.
21	30.53	46	62	E.	0	Depth of Unmelted Snow on ground at end of month, 0.0.
22	30.56	48	76	S.E. & N.W.	0	Dates of Auroras, none.
23	30.40	50	82	N.W.	0	Dates of Solar Halos, 10, 14.
24	30.26	55	93	E.	* T	Dates of Lunar Halos, none.
25	30.19	58	96	E.	0	Dates of Frosts, 8, 13, 21, 22.
26	30.06	57	96	E.	1.46	Mean Maximum Temperature, 63.1.
27	29.96	62	87	N.W.	0	Mean Minimum Temperature, 47.7.
28	29.97	58	92	E.	.12	MEAN TEMPERATURE for this month is
29	29.88	55	94	N.E.	.44	Total Precipitations for this Month in Inches
30	29.53	47	78	N.W.	.83	1871 5.58
31	29.94	40	52	W.	0	1872 4.85
TOTALS	—	—	—	—	3.70	1873 5.33
MEANS	30.156	55.4	72.7	N.W.	—	1874 1.89
						1875 4.99
						1876 1.66
						1877 8.84
						1878 6.76
						1879 0.91
						1880 3.15
						1881 2.84
						1882 2.29
						1883 6.40
						1884 3.17
						1885 5.71
						1886 3.27
						1887 2.53
						1888 3.58
						1889 3.31
						1890 5.63
						1891 5.56
						1892 2.31
						1893 2.94
						1894 5.11
						1895 6.19
						1896 3.15
						1897 0.41
						1898 7.17
						1899 2.40
						1900 3.41
						1901 3.92
						1902 4.36
						1903 3.35
						1904 2.18
						1905 0.82
						1906 3.88
						1907 2.54
						1908 3.70

Average mean temperature for 38 years, 53°. Average monthly precipitation for 38 years, 3.83 inches. *T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of November, 1908.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of November, 1908. 861.
Population estimated at 617,075. Rate per 1,000 inhabitants, 16.98.

Total number 861

SEX.

Males 442
Females 419

CONDITION.

Single 430
Married 268
Widowed 140
Divorced 4
Unknown 19

COLOR.

White 836
Black (Negro or mixed) 22
Chinese 2
East Indian 1

Total deaths of children, { Under 1 year 186
Under 2 years 222
Under 5 years 253

Diarrhœal diseases, { Under 1 year 21
Under 2 years 25
Under 5 years 26
All ages 34

NATIVITY.

United States 564
Ireland 134
England 21
Scotland 8
Germany 21
British America 49
Italy 11
Russia 14
Sweden 6
Other Countries 14
Unknown 19

PARENTAGE.

United States 180
Irish 243
English 22
Scotch 10
German 24
British American 35
Italian 49
Russian 35
Swedish 8
Other Countries 53
Mixed 62
One parent unknown 67
Unknown 78
Still-births during the month 66

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1908.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	10								1	1	2	2	2	1					1							7	3
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola							1	1																		2	
6. Measles	2		1																								
7. Scarlatina	13	1	3	1		4	9	2	2																	8	5
8. Whooping cough	9	6	1	1	1		9																			6	3
9. Diphtheria and croup	3	1	1				2	1																		3	
9a. Diphtheria	19	2	1	2	3	2	10	6	2		1															10	9
10. Grippe	3											1				1								1		3	
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas													2													2	
19. Other epidemic affections	1															1										1	
20. Purulent infection and septicemia	4	1				1									2		1									1	3
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies	1																1									1	
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx	2								1		1															2	
27. Tubercle of the lungs	66	1	2	1		4		3	7	8	7	16	4	2	5	4	2	2	2							38	28
28. Tubercle of the meninges	12	2	2	2		8		1	1	1	1															7	5
29. Tubercle, abdominal	3							1	1				1													2	1
30. Pott's diseases	1							1																		1	
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs	1								1																	1	
34. Tubercle, generalized	1														1											1	
35. Scrofula																											
36. Syphilis																											
3. Tertiary	1								1																	1	
4. Hereditary																											
37. Bleorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	1																		1							1	
40. Cancer and other malignant tumors of the stomach and liver	10											1		2	1	2				2	1	1				9	1

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1908.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	12												1		3	1		2	3	1	1					5	7	
42. Cancer and other malignant tumors of the genital organs of the female . . .	8												1		2		2	2	1								8	
43. Cancer and other malignant tumors of the breast . . .	3												1					1		1							3	
44. Cancer and other malignant tumors of the skin . . .	1																			1						1		
45. Cancer and other malignant tumors of organs not specified . . .	7														1	1	1	2	1						1	4	3	
46. Other tumors (tumors of the female genital organs excepted) . . .	1									1																1		
47. Rheumatism, acute, articular . . .	3					1	1								1				1							3		
48. Rheumatism, chronic, and gout. . .	1																				1						1	
49. Scorbatus . . .																												
50. Diabetes . . .	4													1				2				1				2	2	
51. Goltre, exophthalmic . . .																												
52. Addison's disease . . .	2									1						1											2	
53. Leukemia . . .																												
54. Anemia, chlorosis . . .	3															2		1									3	
55. Other general diseases . . .																												
56. Alcoholism, acute and chronic . . .	5												1		2		1	1								3	2	
57. Saturnism . . .																												
58. Other trade intoxications . . .																												
59. Other chronic poisonings . . .																												
Total general diseases . . .	215	14	11	7	4	9	45	10	5	8	13	13	13	27	7	17	11	14	8	12	6	3	1		2	120	95	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis . . .																												
61. Meningitis, simple . . .	7	2	3				5				1						1									4	3	
61a. Meningitis, epidemic cerebro-spinal . .	4	1	2	1			4																			3	1	
62. Locomotor ataxia, progressive . . .	1																	1								1		
63. Other diseases of the spinal cord . . .	1																			1							1	
64. Cerebral congestion and hemorrhage . .	45										1				4	2	5	6	7	3		4	9		4	22	23	
65. Cerebral softening . . .	1																				1						1	
66. Paralysis, without cause assigned . . .	4																	2		1				1		1	3	
67. General paralysis . . .	3														2	1										2	1	
68. Other forms of mental alienation . . .	3																1		1					1			3	
69. Epilepsy . . .	1													1												1		
70. Eclampsia (non-puerperal) . . .																												
71. Convulsions of children . . .	2	1	1				2																				1	1
72. Tetanus . . .																												
73. Chorea . . .																												
74. Hysteria . . .																												
74b. Other affections of the nervous system .	5								1						1	1				1		1				1	4	
75. Diseases of the eye and appendages . .																												
76. Diseases of the ear . . .	2									1											1						1	1
Total of the nervous system, etc., . . .	79	4	6	1			11	1	1		1	1		2	7	4	7	9	9	5	6	9		6		38	41	
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis . . .	4											1		1						2						1	3	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for November, 1908.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus.																											
<i>—Concluded.</i>																											
116. Peritonitis, simple (puerperal excepted),	5							1	1	1				1								1				4	1
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	2												1			1										2	
118. Appendicitis and abscess of the iliac fossa	6							1	2	1		1			1											6	
Total digestive apparatus	73	24	4	1			20	1	2	3	3	2	7	2	7	5	1	5			1	1	3	1		44	29
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	4									1				1		1	1									2	2
120. Bright's disease	28										1	2	4	3		3	4	4	2	3	1		1			11	17
121. Other diseases of the kidneys and their adnexa	1													1												1	
122. Calculi of the urinary tract																											
123. Diseases of the bladder	2																			1	1					2	
124. Diseases of the urethra, urinary abscess, etc.	1														1											1	
125. Diseases of the prostate	1																			1						1	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	1													1												1	
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary	1																	1								1	
132. Other diseases of the female genital organs	1											1														1	
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	40									1	1	3	5	5	2	4	4	6	3	4	1		1			17	23
VII. Puerperal State.																											
134. Accidents of pregnancy	1													1													1
135. Hemorrhage, puerperal	1													1												1	
136. Other accidents of labor	1										1															1	
137. Septicemia, puerperal	1													1												1	
138. Albuminuria and puerperal eclampsia	2								1			1														2	
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death	1												1													1	
141. Puerperal diseases of the breast																											
Total puerperal	7								1		1	2	3													7	
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	1																				1					1	
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa	1	1						1																		1	
Total skin tissue	2	1						1														1				2	
IX. Diseases of the Organs of Locomotion.																											
*146. Affections of the bones (non-tuberculous)	2	1						1						1												2	
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted)																											
148. Amputation																											

* In October Report cancel figure 6 under Females.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1908.		AGE.																				SEX.	
			Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																			
</																								

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.65 square miles, or 27,300 acres.

Miles of streets, 511.60. Asphalt 21.69, granite block 96.50, wooden block 1.77, plank on bridges 2.07, brick 0.38, cobblestone 0.29, bitulithic 6.18, macadamized 346.02, gravel 31.30, not graded 5.40. Number of buildings, including tenement houses, 87,327. * Tenement houses, including four or more families, 7,000. Daily consumption of water in Boston, 96,422,800 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 80,823,000,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families or 3 families over store.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF NOVEMBER, 1908, AND FOR THE CORRESPONDING MONTH IN 1907.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Nov., 1908.	Nov., 1907.	Nov., 1908.	Nov., 1907.		Nov., 1908.	Nov., 1907.	Nov., 1908.	Nov., 1907.
Cholera	—	—	—	—	Measles	93	76	—	—
Chicken-pox	105	42	—	—	Scarlatina	263	183	—	—
Cerebro-spinal Meningitis . .	5	7	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	389	233	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal . . .					Typhoid fever	69	47	—	—
Tuberculosis	194	152	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	5,605	Cattle condemned, 20	9,617 lbs.
Calves "	1,354	Calves "	"
Sheep "	632	Sheep "	"
Hogs "	7,208	Hogs " 11 and 3 parts, 983	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.	VEGETABLES.
Veal (immature) 404 lbs.		— lbs.	Miscellaneous, 1 bush.
" (tainted) 64 "			Fruit . . . 12 "
Poultry " 4,918 "			
Mutton " — "			
Beef " 20 "			
Pork " 125 "			
Venison " 90 "			

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	515
" "	" " Wagons	628
" "	" brought in by Citizens	29
" "	" for bacteriological examination, 495	
" "	Vinegar	49
" "	Butter and Cheese	82
Total Samples,		1,798

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	222	GLANDERS:	Positive	3
	Positive for release	237		Negative	13
	Negative for diagnosis	941		Unsatisfactory	16
	Negative for release	458	Other examinations:*	Positive	28
	"No growth" cultures	19 . 1,877		Negative	52
TUBERCULOSIS:	Positive	96		Unsatisfactory	2 . 82
	Negative	343	BACTERIOLOGICAL MILK EXAMINATIONS		495
	Unsatisfactory	— . 439			
TYPHOID:	Positive	31	Total		3,070
	Negative	125			
	Unsatisfactory	5 . 161			

* Rabies, Malaria, Gonorrhoea, Ophthalmia, Influenza, Conrad tests, Genito-urinary tuberculosis, T. B. feces, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

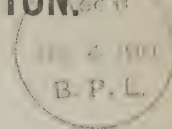
For the month of November, 1908, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.18	36	37	N.W.	0	Mean Barometer, 29.981.
2	30.21	39	50	W.	0	Highest Barometer, 30.41.
3	29.90	47	62	S.W.	0	Lowest Barometer, 29.37.
4	29.47	47	58	S.W.	*T	Monthly Range of Barometer, 1.04.
5	29.64	34	56	W.	0	Mean Temperature, 43.8°.
6	29.66	38	51	S.W.	0	Highest Temperature, 65°.
7	29.58	46	54	W.	0	Lowest Temperature, 25°.
8	29.69	45	76	S.W.	.02	Monthly Range of Temperature, 40°.
9	29.90	48	84	W.	0	Greatest Daily Range of Temperature, 34°.
10	30.09	44	96	N.E.	0	Least Daily Range of Temperature, 4°.
11	29.96	47	97	N	.10	Mean Daily Range of Temperature, 14.7°.
12	29.90	42	72	W.	.01	Mean Daily Dew-point, 32.6.
13	30.00	40	67	W.	*T	Mean Daily Relative Humidity, 70.2.
14	30.13	42	60	W.	.06	Prevailing Direction of Wind, W.
15	29.88	36	76	W.	.41	Total Movement of Wind, 8,099 miles.
16	29.94	39	60	S.W.	0	Highest Velocity of Wind and Direction, 40—W.
17	29.84	38	60	W.	*T	Number of Foggy Days, 2.
18	29.70	38	82	N.W.	.05	Number of Fair Days, 5.
19	29.65	38	78	N.W.	.06	Number of Clear Days, 11.
20	30.11	40	78	N.W.	.01	Number of Cloudy Days, 14.
21	30.38	40	70	S.W.	0	Total Number of Days on which Rain or Snow fell, 9.
22	30.38	48	64	S.W.	0	Depth of Unmelted Snow on ground at end of month, 0.0.
23	30.28	52	79	S.W.	0	Dates of Auroras, none.
24	30.22	56	82	S.W.	0	Dates of Lunar Halos, 2, 3, 7, 29.
25	30.36	48	100	N.	*T	Dates of Solar Halos, 14, 19.
26	30.19	52	97	S.W.	.02	Thunder Storms, none.
27	30.06	51	72	W.	*T	Dates of Frosts, 12d.
28	30.16	44	66	W.	0	Mean Maximum Temperature, 50.9.
29	30.06	46	62	W.	0	Mean Minimum Temperature, 36.2.
30	29.99	51	66	W.	*T	MEAN TEMPERATURE for this month in
31	—	—	—	—	—	Total Precipitation for this Month in inches
TOTALS.....	—	—	—	—	0.74	1871 37 1871 6.42
MEANS.....	29.994	43.6	70.2	W.	—	1872 41 1872 3.66
						1873 38 1873 8.34
						1874 42 1874 2.85
						1875 35 1875 5.47
						1876 41 1876 11.03
						1877 44 1877 9.62
						1878 41 1878 8.94
						1879 39 1879 2.97
						1880 38 1880 2.30
						1881 44 1881 3.73
						1882 39 1882 1.20
						1883 43 1883 2.08
						1884 41 1884 3.03
						1885 44 1885 5.78
						1886 43 1886 3.59
						1887 42 1887 2.22
						1888 44 1888 4.97
						1889 45 1889 4.91
						1890 42 1890 0.97
						1891 41 1891 2.36
						1892 42 1892 4.45
						1893 42 1893 1.83
						1894 38 1894 3.10
						1895 45 1895 8.07
						1896 46 1896 3.70
						1897 41 1897 6.19
						1898 42 1898 5.52
						1899 42 1899 2.51
						1900 45 1900 4.17
						1901 37 1901 2.41
						1902 46 1902 1.09
						1903 40 1903 1.48
						1904 38 1904 1.70
						1905 42 1905 1.77
						1906 42 1906 2.65
						1907 43 1907 6.02
						1908 44 1908 0.74

Average mean temperature for 38 years, 41°. Average monthly precipitation for 38 years, 4.04 inches. *T Indicates trace of precipitation.

†No frosts recorded after date of first killing frost.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of December, 1908.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of December, 1908	1,012.
Population estimated at 617,075.	Rate per 1,000 inhabitants, 19.31.
Deaths of non-residents, 110.	*Corrected rate per 1,000 inhabitants, 17.21.

Total number	1,012	NATIVITY.	
SEX.		United States	684
Males	529	Ireland	170
Females	483	England	15
CONDITION.		Scotland	4
Single	514	Germany	20
Married	318	British America	72
Widowed	160	Italy	22
Divorced	6	Russia	30
Unknown	14	Sweden	6
COLOR.		Other Countries	22
White	981	Unknown	17
Black (Negro or mixed)	28	PARENTAGE.	
Chinese	3	United States	222
Total deaths of children, {		Irish	281
		English	22
		Scotch	7
		German	20
Under 1 year	189	British American	63
Under 2 years	244	Italian	59
Under 5 years	293	Russian	51
		Swedish	6
		Both parents foreign	63
		One parent foreign	72
		One parent unknown	66
		Unknown	80
		Still-births during the month	52

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1908.	Deaths of non-residents.	AGE.																				SEX.							
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.																														
1. Typhoid Fever	8										3	4	1															3	5	
2. Exanthematous typhus																														
3. Recurrent fever																														
4. Intermittent fever and malarial cachexia																														
(a) Malarial cachexia																														
5. Variola																														
6. Measles	10		1	6	2			9		1																		6	4	
7. Scarlatina	12	3			1	1	3	5	2	3	1	1																4	8	
8. Whooping cough	7		3	4				7																				2	5	
9. Diphtheria (and croup)	21	1	3	1	6	4	2	16	4			1																11	10	
10. Grippe	2		1					1						1															2	
11. Miliary Fever																														
12. Asiatic Cholera																														
13. Cholera nostras																														
14. Dysentery	1																			1								1		
(a) Dysentery, epidemic																														
15. Pest (Plague; bubonic plague)																														
16. Yellow fever																														
17. Leprosy																														
18. Erysipelas	1																			1								1		
19. Other epidemic affections																														
20. Purulent infection and septicemia	7	2	2					2					2					1	1			1						4	3	
21. Glanders and farcy																														
22. Malignant pustule and charbon (anthrax)																														
23. Rabies																														
24. Actinomyces, trichinosis, etc.																														
25. Pellagra																														
26. Tubercle of the larynx																														
27. Tubercle of the lungs	38	5	1	3	1	1		6		1	8	14	11	15	8	6	9	4	6	2	1	2						54	39	
28. Tubercle of the meninges	17	6	4	4	1	2		11	3						2	1												11	6	
29. Tubercle, abdominal	2			1				1							1													2		
30. Pott's disease	2	1									1	1																	2	
31. Abscess, cold and by congestion																														
32. Tumors, white (white swellings)																														
33. Tubercle of other organs																														
34. Tubercle, generalized	2										1									1								2		
35. Scrofula																														
36. Syphilis	4	1	3	1				4																				2	2	
(a) Syphilis, hereditary	4	1	3	1				4																				2	2	
37. Blennorrhagia of the adult																														
38. Gonococcal infections of the child																														
39. Cancer and other malignant tumors of the buccal cavity	5	1																	1	1			2	1				5		
40. Cancer and other malignant tumors of the stomach and liver	91	1													2	2	2	1	3	5	4	2						12	9	
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	9														1	1	1		3	1	1	1						4	5	
42. Cancer and other malignant tumors of the genital organs of the female	7	1													2	2				1	2									

* Deaths under italicized headings are included in those of the main heading.



SUMMARY OF DEATHS IN BOSTON,

With Principal Causes, for the year 1908, compared with those of 1907.

PUBLISHED BY ORDER OF THE BOARD OF HEALTH.

SAMUEL H. DURGIN, M.D., Chairman.

	1908.	1907.		1908.	1907.
Total No. of deaths from all causes	11,767 (Estimated)	11,686 (Estimated)	Glanders	1	1
Population	617,075	609,757	Heart { Pericarditis	19	18
Annual death rate per 1,000 inhabitants	19.07	19.16	{ Endocarditis, acute	161	129
			{ Organic Diseases	997	1,064
Total No. of still-births	636	732	Influenza	59	93
Total deaths of children under 1 year	2,737	2,350	Measles	151	29
" " " " 2 years,	3,353	2,775	Nephritis { Acute	137	299
" " " " 5 years,	3,891	3,160	{ Chronic	369	328
Percentage of deaths under 5 years to } total mortality	33.07	27.04	Pneumonia, lobar	971	938
Total No. of deaths from diarrhoea } and enteritis, under 2 years	665	483	Pulmonary and laryngeal tuber- } culosis	1,067	1,123
Total No. of deaths from diarrhoea } and enteritis, all ages	779	556	Puerperal septicaemia	25	25
Percentage of deaths from diarrhoea } and enteritis to total mortality	6.62	4.76	Pyæmia and septicæmia	78	93
Anthrax	2	1	Rabies	2	1
Bronchitis	226	261	Rheumatism	56	64
Cancer	628	611	Scarlatina	104	49
Cerebro-spinal meningitis	53	169	Syphilis	46	64
Diabetes	102	101	Typhoid fever	159	64
Dysentery	14	20	Whooping cough	82	43
Diphtheria and croup	204	144	Violent deaths	783	842
Erysipelas	48	46			

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

CAUSES OF DEATH	Total Mortality for December, 1908. Deaths of non-residents.		AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																														
43. Cancer and other malignant tumors of the breast	12	2											3	1	1	1	3	1	2											12
44. Cancer and other malignant tumors of the skin	3																1								1		1		2	
45. Cancer and other malignant tumors of organs not specified	15	5												2		3		2	1	2	3	1	1					9	6	
46. Other tumors (tumors of the female genital organs excepted)																														
47. Rheumatism, acute, articular	2			1			1								1													1	1	
48. Rheumatism, chronic, and gout.	2																			1					1				2	
49. Scorbutus	1	1					1																						1	
50. Diabetes	10	1													1	2	3	1		2		1						2	8	
51. Goltre, exophthalmic																														
52. Addison's disease	1																1											1		
53. Leukemia	1			1			1																						1	
54. Anemia, chlorosis	2																					1	1					1	1	
55. Other general diseases																														
56. Alcoholism, acute and chronic	2													1	1													1	1	
57. Saturnism	1																		1									1		
58. Other trade intoxications																				1										
59. Other chronic poisonings																														
Total general diseases	283	30	19	19	14	8	5	65	9	5	14	20	14	18	23	15	21	9	18	20	12	11	4	4		1	140	143		
II. Diseases of the Nervous System and of the Organs of Sense.																														
60. Encephalitis	1																1											1		
61. Meningitis, simple	8	1	2		1		1	4			1				1	1					1							6	2	
61a. Meningitis, epidemic cerebro-spinal	4		3	1				4																				3	1	
62. Locomotor ataxia, progressive.	1																				1							1		
63. Other diseases of the spinal cord	4											1								1		1	1					1	3	
64. Cerebral congestion and hemorrhage	41	6	1	1			2					1		2	1	4	5	7	6	3	2	4	1	3			21	20		
65. Cerebral softening	1																					1								
66. Paralysis, without cause assigned	5																1			1		1	1	1			2	3		
67. General paralysis	9												1		1	2	2		1	1					1			4	5	
68. Other forms of mental alienation	2	2									1								1										2	
69. Epilepsy	1																		1									1		
70. Eclampsia (non-puerperal)																														
71. Convulsions of children	3		3					3																				1	2	
72. Tetanus																														
73. Chorea																														
74. Other diseases of the nervous system	1																					1						1		
75. Diseases of the eye and appendages																														
76. Diseases of the ear	4	1	1					1		1	1		1																4	
Total of the nervous system, etc.,	85	10	10	2	1		1	14		1	2	2	3		3	4	10	7	9	9	3	5	8	2	3			46	39	
III. Diseases of the Circulatory Apparatus.																														
77. Pericarditis																														
78. Endocarditis, acute	14	1											1	1	1	2	2	1	1			1	1	1	1	1	1	8	6	
79. Organic diseases of the heart	104	6								1	1	2	3	2	3	7	6	11	13	13	11	16	7	5	2	1	53	51		

MONTHLY STATEMENT OF DEATHS.

		AGE.																									SEX.		
		Total Mortality for December, 1868.	Deaths of non-residents.																							Males.	Females.		
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
III. Diseases of the Circulatory Apparatus.—Concluded.																													
80.	Angina pectoris	5															1	1		1	1	1					4	1	
81.	Diseases of the arteries (atheroma, aneurism, etc.)	21	2												1	1	2	5	4	3	3		1	1			12		
82.	Embolism and thromboeas	6	1												2		1	1			1			1			2	4	
83.	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																												
84.	Diseases of the lymphatic system (lymphangitis, etc.)																												
85.	Hemorrhages	1														1												1	
86.	Other diseases of the circulatory apparatus																												
	Total of circulatory apparatus	151	10						1	1	2	3	3	4	11	9	17	21	19	14	22	9	8	5	2	79	72		
IV. Diseases of the Respiratory Apparatus.																													
87.	Diseases of the nasal fossae																												
88.	Diseases of the larynx																												
89.	Diseases of the thyroid body																												
90.	Bronchitis, acute	30		17	2			10			1			1		2			1	3	2			1	14	16			
91.	Bronchitis, chronic	5		1				1										1	1	1	1				6				
92.	Bronchio-pneumonia	41	2	20	9	4	1	1	35						1	1			2		1	1			17	24			
93.	Pneumonia	118	7	29	15	4	2	1	51		3	2	1	2	2	7	0	8	4	3	12	2	4	3	5	65	53		
94.	Pleurisy	5	2						1		1					1		1				1			2	3			
95.	Pulmonary congestion and apoplexy	5	1						1						1				1				2		4	1			
96.	Gangrene of the lung																												
97.	Asthma	1												1													1		
98.	Emphysema, pulmonary	1													1			1									1		
99.	Other diseases of the respiratory apparatus (phthisis excepted)	2								1								1							2				
	Total respiratory apparatus	208	12	67	26	8	3	2	106	4	3	1	3	2	2	8	10	12	6	6	14	7	8	6	7	2	1	109	90
V. Diseases of the Digestive Apparatus.																													
100.	Diseases of the mouth and its adnexa,																												
101.	Diseases of the pharynx																												
102.	Diseases of the esophagus	1	1																		1						1		
103.	Ulcer of the stomach	3	2								1	1				1										2	1		
104.	Other diseases of the stomach (cancer excepted)	6		2				2		1				1				2								2	4		
105.	Diarrhoea and enteritis (under two years)	17	1	15	2			17																		13	4		
	(a) Diarrhoea and enteritis, chronic (under two years)																												
106.	Diarrhoea and enteritis (two years and over)	4			1			1			1							1	1							2	2		
107.	Parasites, intestinal																												
108.	Hernia, intestinal obstructions	9	3	1		1		2							1		1	2	1		1	1			3	6			
109.	Other diseases of the intestines																												
110.	Acute yellow atrophy of the liver	1													1												1		
111.	Hydatid tumors of the liver																												
112.	Cirrhosis of the liver	4	2					1							3											3	1		
113.	Biliary calculi	2															2										2		
114.	Other diseases of the liver	4	2												1	1		1							1	2	2		
115.	Diseases of the spleen																												
116.	Peritonitis, simple (puerperal excepted),	4				1		1			2		1														1		

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.		Total Mortality for December, 1908.		AGE.																				SEX.								
		Deaths of non-residents.	Deaths of residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
V. Diseases of the Digestive Apparatus.																																
—Concluded.																																
117.	Other diseases of the digestive apparatus (cancer and tubercle excepted),	7	2						1	2		1	3																	1		
118.	Appendicitis and abscess of the iliac fossa																															
	Total digestive apparatus	62	18	18	2	2	1		23	2	2	4	3	4		1	7	3	2	2	4	1	1	2					1	20	33	
VI. Diseases of the Genito-Urinary Apparatus and Its Adnexa.																																
119.	Nephritis, acute	6	1	1		1			2				1	1					1						1					3	3	
120.	Bright's disease	42	4							1	1	1		4	2		4		5	4	3	8	4	3	1	1				20	22	
121.	Other diseases of the kidneys and their adnexa	5													1					2			1	1						2	3	
122.	Calculi of the urinary tract																															
123.	Diseases of the bladder	1																											1		1	
124.	Diseases of the urethra, urinary abscess, etc.	2	1											1								1								2		
125.	Diseases of the prostate	8	2																		1		2	5						8		
126.	Non-venereal diseases of the male genital organs																															
127.	Metritis																															
128.	Hemorrhage, uterine, non-puerperal																															
129.	Tumor, uterine, non-cancerous	3											1			1	1														3	
130.	Other diseases of the uterus	2	2										1				1														2	
131.	Cysts and other tumors of the ovary																															
132.	Other diseases of the female genital organs																															
133.	Diseases of the breast, non-puerperal (cancer excepted)																															
	Total of genito-urinary	69	10	1		1			2	1	1	1	1	6	5		6	1	7	5	4	10	7	8	2	1	1		35	34		
VII. Puerperal State.																																
134.	Accidents of pregnancy	2										1		1																	2	
135.	Hemorrhage, puerperal																															
136.	Other accidents of labor																															
137.	Septicemia, puerperal	1														1																
138.	Albuminuria and puerperal eclampsia,																															
139.	Phlegmasia alba dolens, puerperal																															
140.	Other puerperal accidents—sudden death																															
141.	Puerperal diseases of the breast																															
	Total puerperal	3											1		1	1															3	
VIII. Diseases of the Skin and Cellular Tissue.																																
142.	Gangrene																															
143.	Furuncle (carbuncle)																															
144.	Phlegmon, acute abscess	3			1			1								1											1			1	2	
145.	Other diseases of the skin and its adnexa																															
	Total skin tissue	3				1		1								1											1			1	2	
IX. Diseases of the Organs of Locomotion.																																
146.	Diseases of the bones (non-tuberculous)	1	1			1				1																						1
147.	Arthritis and other diseases of the articulations (tubercle and rheumatism excepted)																															
148.	Amputation																															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

		Total Mortality for December, 1908.	AGE.																				SEX.							
		Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
IX. Diseases of the Organs of Locomotion.—Concluded.																														
149.	Other diseases of the organs of locomotion																													
	Total organs, locomotion		1	1		1			1																					
X. Malformations.																														
150.	Malformations, congenital (still-births excepted)		14	2	13	1			14																			5	9	
XI. Early Infancy.																														
151.	Congenital debility, icterus and sclerema		38		38				38																			20	18	
152.	Other diseases appertaining to infancy,		6		6				6																			2	4	
153.	Lack of care		2	1	2				2																			2		
	Total early infancy		46	1	46				46																			24	22	
XII. Old Age.																														
154.	Senile debility		13	1																2	1	5		2	2	1		3	10	
XIII. Affections Produced by External Causes.																														
155.	Suicide by poison		4	2								1	1	1					1									3	1	
156.	Suicide by asphyxia		3									1	1					1										2	1	
157.	Suicide by hanging or strangulation		2								1							1										2		
158.	Suicide by submersion		1												1													1		
159.	Suicide by firearms		1						1																			1		
160.	Suicide by cutting instruments		1								1																	1		
161.	Suicide by jumping from high places																													
162.	Suicide by crushing																													
163.	Other suicides																													
164.	Fractures		12	5					1					1	1		2		2	2	2		1				11	1		
165.	Luxations		1											1														1		
166.	Other accidental traumatism		11	6		1		1			2	1			1	1	1	2	1							1	10	1		
167.	Burns and scalds		6		2	1		3			1				1		1										3	3		
168.	Burns by corrosive substances																													
169.	Insolation																													
170.	Freezing																													
171.	Electrical disturbances																													
172.	Accidental submersion		1	1											1													1		
173.	Starvation, privation, etc.																													
174.	Absorption of deleterious gases, suicide excepted		5	1								1	2			1				1								4	1	
175.	Other acute poisonings		2											1		1												1	1	
176.	Other external violence		14	3	9			9						2		1		1						1				10	4	
	Total affections, etc.		64	18	9	2	1	1	13	1		2	4	4	3	7	6	3	5	4	3	2	2	3		1	1	51	13	
XIV. Ill-defined Diseases.																														
177.	Dronpy																													
178.	Sudden death																													
179.	Non-specified or ill-defined causes of death		10	2	6	2		8				1								1								7	3	
	Total ill-defined diseases		10	2	6	2		8				1								1								7	3	
Total from all causes.																														
			1012	110	189	55	28	13	8	203	17	13	35	36	37	32	48	59	36	33	45	75	51	61	40	35	15	8	329	483

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.65 square miles, or 27,300 acres.

Miles of streets, 511.60. Asphalt 24.69, granite block 96.50, wooden block 1.77, plank on bridges 2.07, brick 0.38, cobblestone 0.29, bitulithic 6.18, macadamized 346.02, gravel 31.30, not graded 5.40. Number of buildings, including tenement houses, 87,327. *Tenement houses, including four or more families, 7,000. Daily consumption of water in Boston, 96,422,800 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 80,823,000,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families or 3 families over store.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF DECEMBER, 1908, AND FOR THE CORRESPONDING MONTH IN 1907.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	DEC., 1908.	DEC., 1907.	DEC., 1908.	DEC., 1907.		DEC., 1908.	DEC., 1907.	DEC., 1908.	DEC., 1907.
Cholera	—	—	—	—	Measles	112	145	—	—
Chicken-pox	162	41	—	—	Scarlatina	249	176	1	—
Cerebro-spinal Meningitis	9	14	—	—	Smallpox	—	1	—	—
Diphtheria and Croup	365	266	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	92	20	—	—
Tuberculosis	208	265	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	3,959	Cattle condemned, 18	7,433 lbs.
Calves "	1,052	Calves " 7	226 "
Sheep "	128	Sheep " —	— "
Hogs "	7,065	Hogs " 6 and parts, 1,050	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 468 lbs.	350 lbs.	Miscellaneous, 4 bush.
" (tainted) 9 "		Fruit . . 149 "
Poultry " 3,156 "		
Mutton " — "		
Beef " — "		
Pork " — "		
Rabbits " 112 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	540
" "	" " Wagons	795
" "	" brought in by Citizens	26
" "	" for bacteriological examination,	667
" "	Vinegar	65
" "	Butter and Cheese	61

Total Samples, 2,154

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	224
	Positive for release	221
	Negative for diagnosis	977
	Negative for release	394
	"No growth" cultures	14 . 1,830
TUBERCULOSIS:	Positive	98
	Negative	333
	Unsatisfactory	— . 431
TYPHOID:	Positive	40
	Negative	124
	Unsatisfactory	13 . 186

GLANDERS:	Positive	5
	Negative	13
	Unsatisfactory	4 . 22
Other examinations: * Positive		36
	Negative	88
	Unsatisfactory	4 . 128
BACTERIOLOGICAL MILK EXAMINATIONS		667
Total		3,264

* Malaria, Rabies, Ophthalmia, Gonorrhoea, Genito-urinary tuberculosis, Conradi tests, Influenza, Pneumococci, Paratyphoids, Pus, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of December, 1908, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.76	53	66	W.	0	Mean Barometer, 30.022.
2	30.14	33	54	W.	0	Highest Barometer, 30.55.
3	30.40	26	60	W.	0	Lowest Barometer, 29.38.
4	30.04	36	88	S.W.	.16	Monthly Range of Barometer, 1.20.
5	30.08	28	76	N.W.	0	Mean Temperature, 33.5°.
6	30.55	22	60	S. E. & N. W.	*T	Highest Temperature, 67°.
7	29.72	47	87	S.E.	1.10	Lowest Temperature, 10°.
8	30.02	35	58	W.	0	Monthly Range of Temperature, 57°.
9	30.10	30	62	W.	0	Greatest Daily Range of Temperature, 28°.
10	30.39	18	60	N.W.	0	Least Daily Range of Temperature, 9°.
11	30.02	27	71	S.E.	.30	Mean Daily Range of Temperature, 15.3°.
12	29.44	33	84	W.	.48	Mean Daily Dew-point, 23.8.
13	29.63	30	83	W.	*T	Mean Daily Relative Humidity, 69.9.
14	29.96	34	69	W.	0	Prevailing Direction of Wind, W.
15	30.02	44	78	S.W.	*T	Total Movement of Wind, 8,457 miles.
16	30.10	38	76	W.	0	Highest Velocity of Wind and Direction, 47—S. E.
17	30.12	28	62	N.W.	0	Number of Foggy Days, none.
18	29.72	28	87	N.W.	.94	Number of Fair Days, 9.
19	30.00	26	70	N.W.	0	Number of Clear Days, 10.
20	29.90	35	72	W.	0	Total Number of Days on which Rain or Snow fell, 13.
21	30.01	38	64	S.W.	0	Depth of Unmelted Snow on ground at end of month, 0.0.
22	30.48	28	58	N.	*T	Dates of Auroras, none.
23	30.38	22	62	N.	*T	Dates of Solar Halos, 4, 22.
24	30.20	26	68	S.	0	Dates of Frosts, none.
25	29.62	43	84	S.W.	*T	Mean Maximum Temperature, 41.0.
26	29.56	38	72	W.	0	Mean Minimum Temperature, 25.6.
27	29.86	37	64	S.W.	0	MEAN TEMPERATURE for this month is
28	30.20	38	60	W.	0	Total Precipitation for this Month in Inches
29	30.35	38	60	W.	0	1871 23
30	30.23	36	80	N. & N.W.	.21	1872 23
31	29.85	40	76	W.	.07	1873 32
TOTALS.....	—	—	—	—	2.47	1874 31
MEANS.....	30.034	33.3	69.9	W.	—	1875 30
						1876 22
						1877 36
						1878 30
						1879 32
						1880 27
						1881 39
						1882 30
						1883 29
						1884 34
						1885 33
						1886 23
						1887 32
						1888 35
						1889 38
						1890 26
						1891 40
						1892 30
						1893 30
						1894 32
						1895 36
						1896 30
						1897 34
						1898 32
						1899 36
						1900 33
						1901 32
						1902 28
						1903 29
						1904 26
						1905 35
						1906 29
						1907 37
						1908 33

Average mean temperature for 38 years, 31.5°. Average monthly precipitation for 38 years, 3.36 inches. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of January, 1909.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of January, 1909 1,062.
Population estimated at 617,075. Rate per 1,000 inhabitants, 20.26.
Deaths of non-residents, 102. *Corrected rate per 1,000 inhabitants, 18.32.

Total number 1,062		NATIVITY.	
SEX.		United States	659
Males	528	Ireland	196
Females	534	England	18
CONDITION.		Scotland	11
Single	484	Germany	20
Married	344	British America	69
Widowed	219	Italy	27
Divorced	7	Russia	23
Unknown	8	Sweden	8
COLOR.		Other Countries	17
White	1,032	Unknown	14
Black (Negro or mixed)	29	PARENTAGE.	
Chinese	1	United States	235
Total deaths of children,		Irish	308
{ Under 1 year	175	English	18
{ Under 2 years	230	Scotch	10
{ Under 5 years	277	German	30
		British American	69
		Italian	61
		Russian	48
		Swedish	9
		Both parents foreign	56
		One parent foreign	77
		One parent unknown	67
		Unknown	74
		Still-births during the month	68

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																								Total Mortality for January, 1900. Deaths of non-residents.	SEX.	
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.		Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	9	3								1	3	2	1	1			1									6	3
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia (a) Malarial cachexia																											
5. Variola																											
6. Measles	2		2			2																				2	
7. Scarlatina	15		2	3	3	2	10	2	3																	7	8
8. Whooping cough	20		11	3	3	1	1	19	1																	6	14
9. Diphtheria (and croup)	21	1	2	5	2	3	1	13	6	2																11	10
10. Grippe	8	2					2							1	1					2	1			1		6	2
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery (a) Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	6	2					2									1	1	1		1						3	3
19. Other epidemic affections																											
20. Purulent infection and septicemia	4	1								2			1				1									1	3
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies	1											1														1	
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	116	13	2				2		1	10	9	14	14	18	11	12	9	4	6	3	3					64	52
28. Tubercle of the meninges	8	1	1	1	1	2	2	7		1																3	5
29. Tubercle, abdominal	1															1										1	
30. Pott's disease	1	1											1													1	
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs	2	1					1											1								2	
34. Tubercle, generalized	3	1	1				1	2					1													1	2
35. Scrofula																											
36. Syphilis* (a) Syphilis, hereditary	5	1	3				3										1	1								3	2
37. Bleorrhagia of the adult	3	1	3				3																			1	2
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	3													1				1		1						3	
40. Cancer and other malignant tumors of the stomach and liver	23	4									1	1	2	4	4		6	5								9	14
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	13	4												2	2	2	2	2	2	1	1	1	1			6	7
42. Cancer and other malignant tumors of the genital organs of the female	6	1											1	3				1			1					6	

*Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for January, 1900. Deaths of non-residents.		AGE.																				SEX.						
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																													
43. Cancer and other malignant tumors of the breast	6	1													1		1	1	1	2								6	
44. Cancer and other malignant tumors of the skin	1																				1								
45. Cancer and other malignant tumors of organs not specified	8	2														1				3	2		1	1				2	6
46. Other tumors (tumors of the female genital organs excepted)																													
47. Rheumatism, acute, articular																													
48. Rheumatism, chronic, and gout.																													
49. Scorbutus																													
50. Diabetes	2																			2								2	
51. Gout, exophthalmic																													
52. Addison's disease	1															1												1	
53. Leukemia																													
54. Anemia, chlorosis	7	1						1							3		1			1	1						1	6	
55. Other general diseases																													
56. Alcoholism, acute and chronic	1														1													1	
57. Saturnism																													
58. Other trade intoxications																													
59. Other chronic poisonings																													
Total general diseases	293	35	25	13	9	9	7	63	10	6	10	13	17	19	27	22	20	18	12	22	16	10	4	2	1	1	188	155	
II. Diseases of the Nervous System and of the Organs of Sense.																													
60. Encephalitis	1		1					1																				1	
61. Meningitis, simple	9	2	3	1	1	1	1	7					1		1												4	5	
61a. Meningitis, epidemic cerebro-spinal	1			1				1																				1	
62. Locomotor ataxia, progressive	2																		1			1					2		
63. Other diseases of the spinal cord																													
64. Cerebral congestion and hemorrhage	62	4	2	1				3							1	4	7	7	6	9	11	5	5	4			36	26	
65. Cerebral softening																													
66. Paralysis, without cause assigned	3																					1	2				1	2	
67. General paralysis	1																				1							1	
68. Other forms of mental alienation	2														2												1	1	
69. Epilepsy	1	1												1													1		
70. Eclampsia (non-puerperal)																													
71. Convulsions of children	3		2	1				3																			1	2	
72. Tetanus																													
73. Chorea																													
74. Other diseases of the nervous system	1														1													1	
75. Diseases of the eye and appendages																													
76. Diseases of the ear	1														1													1	
Total of the nervous system, etc.,	87	7	7	5	1	1	1	15					1		2	5	4	7	7	7	9	12	7	7	4		47	40	
III. Diseases of the Circulatory Apparatus.																													
77. Pericarditis	4	2							1							2		1										4	
78. Endocarditis, acute	18								1		1	1		1	2	1	1	1	4	1	1	1		2			7	11	
79. Organic diseases of the heart	112	9							1	2	1	5	1	3	6	4	6	5	7	17	15	17	10	9	1	2	54	58	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	AGE.																											SEX.	
	Total Mortality for January, 1925.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Apparatus.—Concluded.																													
80. Angina pectoris	2																		1	1							1	1	
81. Diseases of the arteries (atheroma, aneurism, etc.)	17	3												1	3	2		1	2	1	2	2	2	2	1		11		
82. Embolism and thrombosis	3												2							1								3	
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	4	1										1		2			1											4	
84. Diseases of the lymphatic system (lymphangitis, etc.)			1					1																			1		
85. Hemorrhages	2	1												1						1							1	1	
86. Other diseases of the circulatory apparatus																													
Total of circulatory apparatus	163	16	1					1	2	3	2	6	2	7	11	8	9	9	12	20	18	22	12	13	3	3	79	84	
IV. Diseases of the Respiratory Apparatus.																													
87. Diseases of the nasal fossæ																													
88. Diseases of the larynx																													
89. Diseases of the thyroid body	1																		1									1	
90. Bronchitis, acute	23	1	13	5	1			19						1					1				2			9	14		
91. Bronchitis, chronic	8																1	1		3		1	1	1		3	5		
92. Broncho-pneumonia	37	2	14	8	1	2	1	26	1								1	2		5	1	1				13	24		
93. Pneumonia	138	6	11	14	5	3	1	34	1		2	6	8	5	8	9	7	8	9	5	7	15	7	4	3		68	70	
94. Pleurisy	6		1			1		2	1		1						1						1			4	2		
95. Pulmonary congestion and apoplexy	4											1	1						2							1	3		
96. Gangrene of the lung																													
97. Asthma	1			1				1																				1	
98. Emphysema, pulmonary																													
99. Other diseases of the respiratory apparatus (phthisis excepted)	1																1											1	
Total respiratory apparatus	219	9	39	27	8	6	2	82	3		3	6	9	5	10	19	7	12	9	9	10	23	8	7	6	1	98	121	
V. Diseases of the Digestive Apparatus.																													
100. Diseases of the mouth and its adnexa,	2		1	1				2																				1	1
101. Diseases of the pharynx	2			1				1			1																	2	
102. Diseases of the esophagus	1													1													1		
103. Ulcer of the stomach	3													2				1									2	1	
104. Other diseases of the stomach (cancer excepted)	7		2					2							1		2		1	1						3	4		
105. Diarrhoea and enteritis (under two years)	19	1	17	2				19																			12	7	
(a) Diarrhoea and enteritis, chronic (under two years)																													
106. Diarrhoea and enteritis (two years and over)	6	1										1	1	1		1			1		1					5	1		
107. Parasites, intestinal																													
108. Hernia, intestinal obstructions	8	3	1					1	1				1		1	1	1			1			1			3	5		
109. Other diseases of the intestines	1														1												1		
110. Acute yellow atrophy of the liver	1	1														1											1		
111. Hydatid tumors of the liver																													
112. Cirrhosis of the liver	5														1	2				1			1			4	1		
113. Biliary calculi	2																			1		1				1	1		
114. Other diseases of the liver																													
115. Diseases of the spleen																													
116. Peritonitis, simple (puerperal excepted),	2											1								1							2		

CAUSES OF DEATH.

CAUSES OF DEATH.		AGE.																				SEX.										
		Total Mortality for January 1909.		Deaths of non-residents.		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
V. Diseases of the Digestive Apparatus.																																
—Concluded.																																
117.	Other diseases of the digestive apparatus (cancer and tubercle excepted).	7	4			1			1		1	1		1	1		1	1													1	
118.	Appendicitis and abscess of the iliac fossa	66	10	21	4	1			26	1	1	2		3	2	3	6	4	4	3		5	2	2	1	1					35	31
Total digestive apparatus																																
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																																
119.	Nephritis, acute	8												1			1				1											3
120.	Bright's disease	43	1										1	1		4	5	3	5	5	7	5	4	3						21	22	
121.	Other diseases of the kidneys and their adnexa	2	1	1					1							1															1	1
122.	Calculi of the urinary tract																															
123.	Diseases of the bladder	2	1																					1		1					2	
124.	Diseases of the urethra, urinary abscess, etc.																															
125.	Diseases of the prostate	4	1																			1		3							4	
126.	Non-venereal diseases of the male genital organs																															
127.	Metritis																															
128.	Hemorrhage, uterine, non-puerperal																															
129.	Tumor, uterine, non-cancerous	2	1													1		1													2	
130.	Other diseases of the uterus																															
131.	Cysts and other tumors of the ovary																															
132.	Other diseases of the female genital organs																															
133.	Diseases of the breast, non-puerperal (cancer excepted)																															
Total of genito-urinary		56	5	1					1				1	1	1	5	6	4	6	5	8	6	5	6	1					28	28	
VII. Puerperal State.																																
134.	Accidents of pregnancy																															
135.	Hemorrhage, puerperal																															
136.	Other accidents of labor	7	2										1	1	5																	7
137.	Septicemia, puerperal	4										1		2	1																	4
138.	Albuminuria and puerperal eclampsia,	5	1								1	2	1		1																	5
139.	Phlegmasia alba dolens, puerperal																															
140.	Other puerperal accidents—sudden death	1												1																		1
141.	Puerperal diseases of the breast																															
Total puerperal		17	3									2	3	5	6	1																17
VIII. Diseases of the Skin and Cellular Tissue.																																
142.	Gangrene	3											1												1		1	2	1			
143.	Furuncle (carbuncle)	1													1																1	
144.	Phlegmon, acute abscess																															
145.	Other diseases of the skin and its adnexa	1		1					1																						1	
Total skin tissue		5		1					1				1		1										1		1	4	1			
IX. Diseases of the Organs of Locomotion.																																
146.	Diseases of the bones (non-tuberculous)	3		1					1		2																				2	1
147.	Arthritis and other diseases of the articulations (tubercle and rheumatism excepted)	1														1															1	
148.	Amputation																															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	AGE.																											SEX.	
	Total Mortality for January, 1909.	Deaths of non-residents.																										Males.	Females.
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.				
IX. Diseases of the Organs of Locomotion.—Concluded.																													
149. Other diseases of the organs of locomotion																													
Total organs, locomotion	4	1				1	2						1													3	1		
X. Malformations.																													
150. Malformations, congenital (still-births excepted)	12	4	11		1		12																				7	5	
XI. Early Infancy.																													
151. Congenital debility, icterus and sclerema	54	2	54				54																				32	22	
152. Other diseases appertaining to infancy,	1	1					1																					1	
153. Lack of care																													
Total early Infancy	55	2	55				55																				32	23	
XII. Old Age.																													
154. Senile debility	10																			1	1	4	1	3		5	5		
XIII. Affections Produced by External Causes.																													
155. Suicide by poison	7	2								1	1	1		1	2	1											7		
156. Suicide by asphyxia	2										1								1								2		
157. Suicide by hanging or strangulation	1																	1									1		
158. Suicide by submersion																													
159. Suicide by firearms	3	1							1				1			1											3		
160. Suicide by cutting instruments																													
161. Suicide by jumping from high places																													
162. Suicide by crushing																													
163. Other suicides																													
164. Fractures	14	3								1		1	1	3		1		3	1	1	1	1				11	3		
165. Luxations																													
166. Other accidental traumatism	11	3								2	1		1	2	1	1	1						1	1			9	2	
167. Burns and scalds	7		2	1		3	2												1	1							7		
168. Burns by corrosive substances																													
169. Insolation																													
170. Freezing																													
171. Electrical disturbances																													
172. Accidental submersion																													
173. Starvation, privation, etc.																													
174. Absorption of deleterious gases (suicide excepted)	3													1		1	1										2	1	
175. Other acute poisonings	2													1			1										1	1	
176. Other external violence	9	1	4	1			5				1				1		1	1									5	4	
Total affections, etc.	59	10	4	3	1		8	2		1	4	3	1	6	4	6	7	4	3	4	1	1	2	2			41	18	
XIV. Ill-defined Diseases.																													
177. Dropsy																													
178. Sudden death																													
179. Non-specified or ill-defined causes of death	16	1	10	2			12										1		2		1						11	5	
Total ill-defined diseases	16	1	10	2			12										1		2		1						11	5	
Total from all causes.	1002	102	175	55	20	17	10	277	18	12	20	31	33	40	72	61	54	61	52	71	68	77	41	38	18	9	528	534	

ADDITIONAL DEATHS REPORTED FOR 1908.

CAUSES OF DEATH.			1908.	AGE.																	SEX.								
			Additional deaths.	Deaths of non residents.																									
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
27.	Tubercle of the lungs	Dec.	1												1														1
36.	Syphilis*	Dec.	1	1																									1
	(a) Syphilis, hereditary	Dec.	1	1					1																				1
56.	Alcoholism, acute and chronic	Dec.	1													1													1
71.	Convulsions of children	May	1	1					1																			1	
109.	Other diseases of the Intestines	Dec.	1	1					1																			1	
164.	Fractures	Dec.	1																					1				1	
172.	Accidental submersion	Dec.	1															1										1	
Condition: Single, 3; Unknown, 4.			Nativity: United States, 3; Unknown, 4.			Color: White, 7.			Parentage: United States, 1. One parent unknown, 1. Unknown, 2.																				

Condition : Single, 3; Unknown, 4. Nativity : United States, 3; Unknown, 4. Color : White, 7. Parentage : United States, 1. One parent unknown, 1. Unknown, 5.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JANUARY, 1909, AND FOR THE CORRESPONDING MONTH IN 1908.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JAN., 1909.	JAN., 1908.	JAN., 1909.	JAN., 1908.		JAN., 1909.	JAN., 1908.	JAN., 1909.	JAN., 1908.
Cholera	—	—	—	—	Measles	211	343	—	—
Chicken-pox	177	73	—	—	Scarlatina	265	250	—	1
Cerebro-spinal Meningitis	2	11	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	285	238	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	251	239	—	—	Typhoid fever	52	17	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,955	Cattle condemned, 11	5,121 lbs.
Calves "	904	Calves "	"
Sheep "	550	Sheep "	"
Hogs "	6,148	Hogs " 5 and parts, 1,002	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.		VEGETABLES.	
Veal (immature)	225 lbs.		401 lbs.	Miscellaneous,	1 bush.
" (tainted)	—			Fruit	34 "
Poultry "	95 "	Oysters, 50 gal.			
Mutton "	—				
Beef "	8 "				
Pork "	37 "				
Rabbits "	72 "				

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	549
" "	" " Wagons	466
" "	" brought in by Citizens	19
" "	" for bacteriological examination,	581
" "	Vinegar	77
" "	Butter and Cheese	95
Total Samples,		1,787

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	198	GLANDERS:	Positive	7
	Positive for release	164		Negative	15
	Negative for diagnosis	1,170		Unsatisfactory	4 26
	Negative for release	305	Other examinations: * Positive		25
	"No growth" cultures	21 1,858		Negative	73
TUBERCULOSIS:	Positive	100		Unsatisfactory	98
	Negative	430	BACTERIOLOGICAL MILK EXAMINATIONS		581
	Unsatisfactory	530			
TYPHOID:	Positive	25	Total		3,247
	Negative	125			
	Unsatisfactory	4 154			

* Rabies, Malaria, Gonorrhoea, Ophthalmia, Genito-urinary T. B., K. L. Virulence, Actinomyces, Typhoid urines, Paratyphoids, Pus, Conrad tests, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of January, 1909, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.24	28	62	W.	0	Mean Barometer, 30.120.
2	30.42	28	52	W.	0	Highest Barometer, 30.78.
3	30.28	38	69	S.W.	*T	Lowest Barometer, 29.03.
4	30.18	48	86	S.W.	.01	Monthly Range of Barometer, 1.75.
5	29.95	52	89	S.	.05	Mean Temperature, 30.3°.
6	29.65	43	82	W.	.71	Highest Temperature, 60°.
7	30.06	20	40	N.	0	Lowest Temperature, 3°.
8	30.69	16	63	N.	*T	Monthly Range of Temperature, 57°.
9	30.48	26	66	S.E., S. & N.W.	0	Greatest Daily Range of Temperature, 32°.
10	30.21	38	84	S.	*T	Least Daily Range of Temperature, 5°.
11	30.05	44	72	S.W.	0	Mean Daily Range of Temperature, 15.6°.
12	30.22	20	98	N.	.26	Mean Daily Dew-point, 22.8.
13	30.72	19	74	N.	*T	Mean Daily Relative Humidity, 73.9.
14	30.42	22	93	N.	.26	Prevailing Direction of Wind, W.
15	30.20	31	76	W. & N. W.	.07	Total Movement of Wind, 8,742 miles.
16	30.75	12	54	N.	.01	Highest Velocity of Wind and Direction, 39 — N.W.
17	30.12	23	94	N.	1.23	Number of Foggy Days, 1.
18	30.30	17	60	N.W.	0	Number of Clear Days, 2.
19	30.32	18	61	N.W.	*T	Total Number of Days on which Rain or Snow fell, 14.
20	30.22	33	63	W.	0	Depth of Unmelted Snow on ground at end of month, 4.3.
21	30.29	39	62	S.W.	0	Dates of Auroras, none.
22	30.24	50	80	W. & S. W.	0	Dates of Lunar Halos, 7, 27, 30, 31.
23	30.21	38	96	N.W.	.02	Dates of Solar Halos, 27, 29.
24	30.10	32	98	N. E.	.71	Thunder Storms, 24.
25	29.86	32	86	W.	.02	Dates of Frosts, none.
26	29.60	30	66	N.W.	*T	Mean Maximum Temperature, 38.1.
27	29.61	31	60	S.W.	0	Mean Minimum Temperature, 22.5.
28	29.54	30	68	N.W.	.03	MEAN TEMPERATURE for this month in
29	29.58	28	67	W.	.05	Total Precipitation for this Month in inches
30	29.12	28	91	N.	.39	1871 26
31	29.72	18	64	N.W.	*T	1872 27
TOTALS	—	—	—	—	3.94	1873 25
MEANS	30.182	30.3	73.9	W.	—	1874 30
						1875 20
						1876 31
						1877 25
						1878 28
						1879 24
						1880 35
						1881 22
						1882 26
						1883 24
						1884 24
						1885 27
						1886 26
						1887 25
						1888 20
						1889 36
						1890 32
						1891 31
						1892 28
						1893 21
						1894 30
						1895 29
						1896 25
						1897 28
						1898 29
						1899 29
						1900 30
						1901 28
						1902 27
						1903 27
						1904 23
						1905 25
						1906 36
						1907 27
						1908 31
						1909 30

Average mean temperature for 39 years, 27.5°. Average monthly precipitation for 39 years, 3.78 inches. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of February, 1909.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of February, 1909 876.

Population estimated at 617,075.

Rate per 1,000 inhabitants, 18.51.

Deaths of non-residents, 109.

*Corrected rate per 1,000 inhabitants, 16.20.

Total number 876

SEX.

Males 433

Females 443

CONDITION.

Single 404

Married 288

Widowed 172

Divorced 4

Unknown 8

COLOR.

White 852

Black (Negro or mixed) 20

Chinese 3

Unknown 1

Total deaths of children, { Under 1 year 157
Under 2 years 187
Under 5 years 226

NATIVITY.

United States 518

Ireland 165

England 25

Scotland 12

Germany 21

British America 65

Italy 14

Russia 18

Sweden 6

Other Countries 19

Unknown 13

PARENTAGE.

United States 196

Irish 245

English 19

Scotch 14

German 22

British American 56

Italian 52

Russian 35

Swedish 8

Both parents foreign 56

One parent foreign 43

One parent unknown 51

Unknown 79

Still-births during the month 67

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																	SEX.											
	Total Mortality for February, 1909. Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.																													
1. Typhoid Fever	3	1									1		1	1													1	2	
2. Exanthematous typhus																													
3. Recurrent fever																													
4. Intermittent fever and malarial cachexia	1							1																			1		
(a) Malarial cachexia																													
5. Variola																													
6. Measles	5			2	2	1		5																			2	3	
7. Scarletina	8	2					3	3	2		1	2															1	7	
8. Whooping cough	12		4	4	2	1	1	12																			8	4	
9. Diphtheria (and croup)	17	1	2	5	3	2		12	3	1			1														10	7	
10. Grippe	3								1									1					1					3	
11. Millary Fever																													
12. Asiatic Cholera																													
13. Cholera nostras																													
14. Dysentery																													
(a) Dysentery, epidemic																													
15. Pest (Plague; bubonic plague)																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	8		2					2							1	1		1		2	1						5	3	
19. Other epidemic affections																													
20. Purulent infection and septicaemia	5													1		1	1	1	1								1	4	
21. Glanders and farcy																													
22. Malignant pustule and charbon (anthrax)																													
23. Rabies																													
24. Actinomycosis, trichinosis, etc.																													
25. Pellagra																													
26. Tubercle of the larynx																													
27. Tubercle of the lungs	86	17	1					1		2	10	14	11	10	14	8	3	5	6	2							47	39	
28. Tubercle of the meninges	3	1				3		3																			1	2	
29. Tubercle, abdominal																													
30. Pott's disease	1	1													1												1		
31. Abscess, cold and by congestion																													
32. Tumors, white (white swellings)	1							1																			1		
33. Tubercle of other organs	1	1													1													1	
34. Tubercle, generalized	3								1			1		1													1	2	
35. Scrofula																													
36. Syphilis*	5		5					5																				4	1
(a) Syphilis, hereditary	5		5					5																				4	1
37. Bleorrhagia of the adult																													
38. Gonococcal infections of the child																													
39. Cancer and other malignant tumors of the buccal cavity	2																2											2	
40. Cancer and other malignant tumors of the stomach and liver	16	1												2		2	2	3	4	2		1					7	9	
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	10																2	3	1	2		1	1				5	5	
42. Cancer and other malignant tumors of the genital organs of the female	8	8										1	1			2	2	1						1					

*Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	AGE.																				SEX.	
	Total Mortality for February 1900.		AGE.																		Males.	Females.
	Deaths of non-residents.																					

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	AGE.																				SEX.									
	Total Mortality for February, 1900.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory Apparatus.— Concluded.																														
80. Angina pectoris	1																		1								1			
81. Diseases of the arteries (atheroma, aneurism, etc.)	13	1																2	1	2		3	1	4			8			
82. Embolism and thrombosis	4		1					1					1				1								1		2	2		
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																														
84. Diseases of the lymphatic system (lymphangitis, etc.)	2		2					2																			2			
85. Hemorrhages	2	1	1					1							1												1	1		
86. Other diseases of the circulatory apparatus																														
Total of circulatory apparatus	118	13	4					4		1	1	1	3	3	4	7	8	8	17	11	16	16	6	6	4	2	48	70		
IV. Diseases of the Respiratory Apparatus.																														
87. Diseases of the nasal fossæ																														
88. Diseases of the larynx																														
89. Diseases of the thyroid body																														
90. Bronchitis, acute	12		3	3	1		1	8												1	1	1		1			4	8		
91. Bronchitis, chronic	5											1										1	1	1		1	2	3		
92. Broncho-pneumonia	35	3	13	10	3			26		1						2	1			3		1			1		11	24		
93. Pneumonia	88	5	12	2	1	1		16	1		1	1	4	4	5	8	4	5	12	9	7	5	3		3		47	41		
94. Pleurisy	5	1				1		1				1				1	1					1					3	2		
95. Pulmonary congestion and apoplexy	2																			1			1				1	1		
96. Gangrene of the lung																														
97. Asthma	1									1																		1		
98. Emphysema, pulmonary																														
99. Other diseases of the respiratory apparatus (phthisis excepted)																														
Total respiratory apparatus	148	9	28	15	5	2	1	51	1	2	1	3	4	4	5	10	6	6	12	33	9	8	5	3	4	1	68	80		
V. Diseases of the Digestive Apparatus.																														
100. Diseases of the mouth and its adnexa,																														
101. Diseases of the pharynx	1			1				1																				1		
102. Diseases of the œsophagus																														
103. Ulcer of the stomach	3	1													1		1		1								1	2		
104. Other diseases of the stomach (cancer excepted)	5	1			1		1	2													2	1					3	2		
105. Diarrhœa and enteritis (under two years)	12		12					12																			6	6		
(a) Diarrhœa and enteritis, chronic (under two years)	1		1					1																				1		
106. Diarrhœa and enteritis (two years and over)	5			1				1							1					1	1			1			4	1		
107. Parasites, intestinal																														
108. Hernia, intestinal obstructions	14	1	3					3	1								1		1	2	3			2		1	5	9		
109. Other diseases of the intestines	1														1													1		
110. Acute yellow atrophy of the liver																														
111. Hydatid tumors of the liver																														
112. Cirrhosis of the liver	6														1		2		2		1						3	3		
113. Biliary calculi	2	2													1					1								2		
114. Other diseases of the liver	3														1					2							2	1		
115. Diseases of the spleen																														
116. Peritonitis, simple (puerperal excepted),	2														1									1				2		

CAUSES OF DEATH.

146. Diseases of the bones (non-tuberculous)

147. Arthritis and other diseases of the articulations (tubercle and rheumatism excepted)

148. Amputation

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for February, 1909.	Deaths of non-residents.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
IX. Diseases of the Organs of Locomotion.—Concluded.																														
149. Other diseases of the organs of locomotion																														
Total organs, locomotion	2	2	1					1			1																	2		
X. Malformations.																														
150. Malformations, congenital (still-births excepted)	11		10	1				11																				4	7	
XI. Early Infancy.																														
151. Congenital debility, icterus and sclerema	52	3	52					52																				23	29	
152. Other diseases appertaining to infancy,	2	1	2					2																				1	1	
153. Lack of care																														
Total early infancy	54	4	54					54																				24	30	
XII. Old Age.																														
154. Senile debility	6																			1					3	1	1	2	4	
XIII. Affections Produced by External Causes.																														
155. Suicide by poison	4	1												2	1				1									3	1	
156. Suicide by asphyxia	2	1													2													2		
157. Suicide by hanging or strangulation	1										1																	1		
158. Suicide by submersion																														
159. Suicide by firearms																														
160. Suicide by cutting instruments																														
161. Suicide by jumping from high places	2									1		1																1	1	
162. Suicide by crushing																														
163. Other suicides																														
164. Fractures	13	1										2	1			1	3		1	1	3		1				9	4		
165. Luxations																														
166. Other accidental traumatism	18	7				1	1	1			3	3		4	1		1	1		2			1				17	1		
167. Burns and scalds	7	1	1	2	1			4	1	1	1																4			
168. Burns by corrosive substances																														
169. Insolation																														
170. Freezing	1	1																	1								1			
171. Electrical disturbances																														
172. Accidental submersion	2										1						1										2			
173. Starvation, privation, etc.																														
174. Absorption of deleterious gases (suicide excepted)																														
175. Other acute poisonings	2										1						1										2			
176. Other external violence	10	7						7			2								1								6	4		
Total affections, etc.	62	12	8	2	1	1	12	2	1	2	4	9	4	6	2	1	6	2	3	3	3		2				47	15		
XIV. Ill-defined Diseases.																														
177. Dropsy																														
178. Sudden death																														
179. Non-specified or ill-defined causes of death	4	1	3		1			4																				3	1	
Total ill-defined diseases	4	1	3		1			4																				3	1	
Total from all causes,	876	160	157	30	20	13	6	236	16	11	25	26	41	32	53	42	31	59	45	63	60	62	33	20	16	6	433	443		

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Date of death.	Additional deaths.		AGE.																	SEX.				
		Deaths of non-residents.																			Males.	Females.			
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	Color.			Condition.	Nativity.	Parentage.
172. Accidental submersion	Dec. 1908.	1	1												1					White.	Mar.	U. S.	Unknown.	1	
	Jan. 1909.	1	1												1					White.	Single.	Ire.	Irish.	1	

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF FEBRUARY, 1909, AND FOR THE CORRESPONDING MONTH IN 1908.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	FEB., 1909.	FEB., 1908.	FEB., 1909.	FEB., 1908.		FEB., 1909.	FEB., 1908.	FEB., 1909.	FEB., 1908.
Cholera	—	—	—	—	Measles	214	522	—	1
Chicken-pox	148	94	—	—	Scarlatina	218	307	—	1
Cerebro-spinal Meningitis	1	14	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	223	183	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	11	37	—	—
Tuberculosis	189	198	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,219	Cattle condemned, 13	5,477 lbs.
Calves "	1,133	Calves " 13	478 "
Sheep "	165	Sheep " —	— "
Hogs "	4,592	Hogs " 7 and parts, 1,454	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.		VEGETABLES.	
Veal (immature)	202 lbs.	185 lbs.		Miscellaneous,	24 bush.
" (tainted)	— "			Fruit	1 box.
Poultry "	— "				
Mutton "	— "				
Beef " 1,600 "					
Pork "	— "				
Rabbits "	52 pair.				

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	480
" "	" " Wagons	433
" "	" brought in by Citizens	29
" "	" for bacteriological examination, 621	
" "	Vinegar	58
" "	Butter and Cheese	101
Total Samples,		1,722

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	125
	Positive for release	85
	Negative for diagnosis	1,035
	Negative for release	256
	"No growth" cultures	8 . 1,509
TUBERCULOSIS:	Positive	91
	Negative	369
	Unsatisfactory	— . 460
TYPHOID:	Positive	5
	Negative	75
	Unsatisfactory	1 . 81

GLANDERS:	Positive	4
	Negative	7
	Unsatisfactory	6 . 17
Other examinations:	* Positive	20
	Negative	46
	Unsatisfactory	4 . 70
BACTERIOLOGICAL MILK EXAMINATIONS		621
Total		2,758

* Rabies, Typhoid urine and feces, Gento-urinary T. B., Ophthalmia, Gonorrhoea, Conrad's tests, Malaria, K. L. Virulences, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of February, 1909, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.27	10	54	N. & N. W.	0	Mean Barometer, 29.933.
2	30.05	22	62	W.	*T	Highest Barometer, 30.56.
3	30.05	18	52	W.	0	Lowest Barometer, 28.89.
4	29.82	24	75	S.W.	0	Monthly Range of Barometer, 1.67.
5	29.68	46	68	S.W.	0	Mean Temperature, 32.6°.
6	29.52	46	62	S.W.	*T	Highest Temperature, 59°.
7	30.08	34	58	N. E. & N. W.	0	Lowest Temperature, 3°.
8	29.95	37	51	N.	0	Monthly Range of Temperature, 56°.
9	30.30	21	45	N.W.	*T	Greatest Daily Range of Temperature, 32°.
10	29.62	42	91	E.	1.13	Least Daily Range of Temperature, 5°.
11	29.79	32	65	W.	*T	Mean Daily Range of Temperature, 15.9°.
12	30.28	33	60	S.W.	0	Mean Daily Dew-point, 22.2.
13	30.10	44	78	S.W.	.01	Mean Daily Relative Humidity, 67.2.
14	30.47	36	64	E.	.25	Prevailing Direction of Wind, W.
15	30.21	28	93	N.	.19	Total Movement of Wind, 8,575 miles.
16	29.93	26	97	N. E.	.74	Highest Velocity of Wind and Direction, 43 — S.W.
17	29.88	26	70	W.	0	Number of Foggy Days, none.
18	30.27	28	56	N.W.	0	Number of Clear Days, 8.
19	30.04	35	82	S. E.	.10	Total Number of Days on which Rain or Snow fell, 10.
20	29.14	46	76	W.	.72	Depth of Unmelted Snow on ground at end of month, trace.
21	29.90	40	53	W.	0	Dates of Auroras, none.
22	30.20	38	64	N. E.	0	Dates of Solar Halos, 6, 21, 25, 26.
23	30.36	37	80	E. & S. E.	1.02	Thunder Storms, none.
24	29.58	44	98	S. E.	1.42	Dates of Frosts, none.
25	29.53	30	62	W.	0	Mean Maximum Temperature, 40.6.
26	29.91	26	40	W.	0	Mean Minimum Temperature, 24.7.
27	29.68	35	55	W.	*T	MEAN TEMPERATURE for this month is:
28	29.84	30	68	N.	.05	Total Precipitation for this Month is Inches
29						1871 2.9
30						1872 2.81
31						1873 3.21
						1874 3.41
						1875 3.74
						1876 4.54
						1877 0.45
						1878 4.40
						1879 4.35
						1880 4.11
						1881 4.89
						1882 2.74
						1883 5.74
						1884 3.00
						1885 7.04
						1886 3.69
						1887 2.36
						1888 1.54
						1889 2.29
						1890 3.66
						1891 2.15
						1892 6.22
						1893 3.15
						1894 1.11
						1895 5.94
						1896 2.12
						1897 4.21
						1898 3.03
						1899 6.83
						1900 0.66
						1901 4.19
						1902 3.90
						1903 2.49
						1904 1.59
						1905 2.66
						1906 1.88
						1907 2.96
						1908 4.71
						1909 4.71
TOTALS	—	—	—	—	4.71	
MEANS	29.946	32.6	67.2	W.	—	

Average mean temperature for 39 years, 28°. Average monthly precipitation for 39 years, 3.42 inches. *T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of March, 1909.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of March, 1909	1,139.
Population estimated at 617,075.	Rate per 1,000 inhabitants, 21.73.
Deaths of non-residents, 117.	*Corrected rate per 1,000 inhabitants, 19.50.

Total number 1,139

SEX.

Males 591
Females 548

CONDITION.

Single 514
Married 380
Widowed 223
Divorced 8
Unknown 14

COLOR.

White 1,103
Black (Negro or mixed) 36

Total deaths of children, {
Under 1 year 192
Under 2 years 244
Under 5 years 293

NATIVITY.

United States 736
Ireland 181
England 23
Scotland 10
Germany 12
British America 104
Italy 13
Russia 24
Sweden 2
Other Countries 18
Unknown 16

PARENTAGE.

United States 268
Irish 310
English 24
Scotch 20
German 15
British American 84
Italian 46
Russian 51
Swedish 8
Both parents foreign 68
One parent foreign 74
One parent unknown 77
Unknown 94
Still-births during the month 62

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																											SEX.		
	Total Mortality for March, 1909.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.																														
1. Typhoid Fever																														
2. Exanthematous typhus																														
3. Recurrent fever																														
4. Intermittent fever and malarial cachexia																														
(a) Malarial cachexia																														
5. Variola																														
6. Measles	16	1	7	6	2			15										1										11	5	
7. Scarlatina	15	2	1	3	2	3	2	11	3	1																		9	6	
8. Whooping cough	14		4	6	2			13	1																			6	8	
9. Diphtheria (and croup)	38	2	4	4	5	6	2	21	2	2	1	1	1															21	7	
10. Grippe	17	1		1				1					1					1	1	2	4	2	1	3	1			7	10	
11. Miliary Fever																														
12. Asiatic Cholera																														
13. Cholera nostras																														
14. Dysentery																														
(a) Dysentery, epidemic																														
15. Pest (Plague; bubonic plague)																														
16. Yellow fever																														
17. Leprosy																														
18. Erysipelas	9	1	4					4				1	1			1	1		1									6	3	
19. Other epidemic affections																														
20. Purulent infection and septicemia	7	2	1					1	1		1	1	1		1	1												3	4	
21. Glanders and farcy																														
22. Malignant pustule and charbon (anthrax)																														
23. Rabies	1												1															1		
24. Actinomycosis, trichinosis, etc.	1																1											1		
25. Pellagra																														
26. Tubercle of the larynx																														
27. Tubercle of the lungs	113	8	1	1	2	1	1	6	2	1	10	15	11	20	16	6	12	4	2		7							68	55	
28. Tubercle of the meninges	12		5	4	2	1		12																				8	4	
29. Tubercle, abdominal	2				1		1										1												2	
30. Pott's diseases	1								1																			1		
31. Abscess, cold and by congestion																														
32. Tumors, white (white swellings)																														
33. Tubercle of other organs	3	1									1				1				1									2	1	
34. Tubercle, generalized	1										1																	1		
35. Scrofula																														
36. Syphilis*	4	1	2					2								2												3	1	
(a) Syphilis, hereditary	2		2					2																				2		
37. Hemorrhagia of the adult																														
38. Gonococcal infections of the child																														
39. Cancer and other malignant tumors of the buccal cavity	1																					1						1		
40. Cancer and other malignant tumors of the stomach and liver	15	1														2	1	1	3	5	2	1					7	8		
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	19	5															1		1	3	1	2	2				5	5		
42. Cancer and other malignant tumors of the genital organs of the female	7	2														1	1		2	1	1	1								

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for March, 1909.	Deaths of non-residents.	AGE.																												SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.				
I. General Diseases.—Concluded.																																
43. Cancer and other malignant tumors of the breast	8	2															1			2	2	1			1	1		1				
44. Cancer and other malignant tumors of the skin	1																					1						1				
45. Cancer and other malignant tumors of organs not specified	10	2							1						2	1			1		2							5	5			
46. Other tumors (tumors of the female genital organs excepted)	1																					1						1				
47. Rheumatism, acute, articular	5									1	1					1					1	1						3	2			
48. Rheumatism, chronic, and gout.	2																					2						2				
49. Scorbutus																																
50. Diabetes	7	1							1						2		1	1		1	1							3	4			
51. Goltre, exophthalmic	1																1											1				
52. Addison's disease																																
53. Leukemia																																
54. Anemia, chlorosis	7	1									1			1		1	1	1	1	1			1					4	3			
55. Other general diseases																																
56. Alcoholism, acute and chronic	5														1	1	1	1			1							4	1			
57. Saturnism																																
58. Other trade intoxications																																
59. Other chronic poisonings																																
Total general diseases	324	31	29	24	17	11	6	87	9	9	14	17	13	26	21	16	22	14	13	16	23	12	4	4	2		172	152				
II. Diseases of the Nervous System and of the Organs of Sense.																																
60. Encephalitis	1																	1										1				
61. Meningitis, simple	8		2	1	2			5	2							1												2	6			
61a. Meningitis, epidemic cerebro-spinal	3	1	1				1	2			1																	1	2			
62. Locomotor ataxia, progressive	1																	1										1				
63. Other diseases of the spinal cord	2																		1		1							2				
64. Cerebral congestion and hemorrhage	55	3	1					1					1	1		3	3	3	4	10	9	9	5	5	1		21	31				
65. Cerebral softening																																
66. Paralysis, without cause assigned	8	2																		1	1	2	1		1	2		6	2			
67. General paralysis	8												1			1	2	1			1				1	1		4	4			
68. Other forms of mental alienation	3															1		1	1									1	2			
69. Epilepsy	2												1		1													2				
70. Eclampsia (non-puerperal)																																
71. Convulsions of children	7		7					7																				5	2			
72. Tetanus	1	1										1																1				
73. Chorea																																
74. Other diseases of the nervous system	2	2							1														1						2			
75. Diseases of the eye and appendages																																
76. Diseases of the ear																																
Total of the nervous system, etc.,	101	9	11	1	2			1	15	3		1	1	3	1	4	6	6	7	6	13	11	11	5	7	4		38	55			
III. Diseases of the Circulatory Apparatus.																																
77. Pericarditis	2									1						1													2			
78. Endocarditis, acute	24		1					1		1		1		1		1	1	1	2	3	3	6	1	1		3		6	15			
79. Organic diseases of the heart	101	8						1	1	2	1		1	2	2	4	4	6	11	9	10	11	11	5	11	3	1	34	50			

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																								SEX.			
	Total Mortality for March, 1909.	Deaths of non-residents.																				Males.	Females.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
III. Diseases of the Circulatory Apparatus.—Concluded.																												
80. Angina pectoris	5																	2	1	1		1				2	3	
81. Diseases of the arteries (atheroma, aneurism, etc.)	12	1													1	1		2			2	3	2	1		5	7	
82. Embolism and thrombosis	5	1									1							1	1		2					2	3	
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	2																					1					2	
84. Diseases of the lymphatic system (lymphangitis, etc.)																			1									
85. Hemorrhages	1																1										1	
86. Other diseases of the circulatory apparatus																												
Total of circulatory apparatus	155	16	1				1	2	3	2	2	3	3	5	5	9	13	13	27	15	23	9	15	4	2	73	82	
IV. Diseases of the Respiratory Apparatus.																												
87. Diseases of the nasal fossae																												
88. Diseases of the larynx	3			1			1									1					1					1	2	
89. Diseases of the thyroid body																												
90. Bronchitis, acute	18	1	8	4			12			1								2	1		1		1			8	10	
91. Bronchitis, chronic	8																											
92. Broncho-pneumonia	45	2	19	6	2		27		1				1				2	1	2	1	2	3	2	3		23	22	
93. Pneumonia	155	8	15	8	2		27	6	2	1	4	9	9	7	8	15	11	9	12	6	13	6	9	1		76	79	
94. Pleurisy	4	1						1												1						3	1	
95. Pulmonary congestion and apoplexy	3		1				1																1	1			3	
96. Gangrene of the lung																												
97. Asthma																												
98. Emphysema, pulmonary																												
99. Other diseases of the respiratory apparatus (phthisis excepted)	1													1													1	
Total respiratory apparatus	237	12	43	18	5		2	68	7	3	2	4	9	16	8	9	17	13	16	18	16	16	10	13	9	1	116	121
V. Diseases of the Digestive Apparatus.																												
100. Diseases of the mouth and its adnexa,																												
101. Diseases of the pharynx																												
102. Diseases of the esophagus																												
103. Ulcer of the stomach	1	1									1																1	
104. Other diseases of the stomach (cancer excepted)	5		2							1											1	1				3	2	
105. Diarrhea and enteritis (under two years)	25	3	21	4			25																				17	8
(a) Diarrhea and enteritis, chronic (under two years)	3	1	1	2			3																				1	2
106. Diarrhea and enteritis (two years and over)	8	2										1	1					1	2	3						5	3	
107. Parasites, intestinal																												
108. Hernia, intestinal obstructions	7	2	1				1							3			1				1	1				3	4	
109. Other diseases of the intestines	2												1	1													1	1
110. Acute yellow atrophy of the liver																												
111. Hydatid tumors of the liver																												
112. Cirrhosis of the liver	6												1		1	2					2					2	4	
113. Biliary calculi	2																					1		1				2
114. Other diseases of the liver																												
115. Diseases of the spleen																												
116. Peritonitis, simple (puerperal excepted),	5	1	2					2									1								1		5	2

CAUSES OF DEATH.

146. Diseases of the bones (non-tuberculous)

147. Arthritis and other diseases of the articulations (tubercle and rheumatism excepted)

148. Amputation

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1906.		AGE.																				SEX.						
	Deaths of non residents.		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																													
149. Other diseases of the organs of locomotion																													
Total organs, locomotion	5	2		1		1		2				1	1				1											4	1
X. Malformations.																													
150. Malformations, congenital (still-births excepted)	10	2	8	2				10																				4	6
XI. Early Infancy.																													
151. Congenital debility, icterus and sclerema	48	5	48					48																				29	19
152. Other diseases appertaining to infancy,	5	1	5					5																				2	3
153. Lack of care																													
Total early infancy	53	6	53					53																				31	22
XII. Old Age.																													
154. Senile debility	6																					2	1	2	1			3	3
XIII. Affections Produced by External Causes.																													
155. Suicide by poison	4	2										1	1	1		1												3	1
156. Suicide by asphyxia	1																	1										1	
157. Suicide by hanging or strangulation	1																			1								1	
158. Suicide by submersion	1														1													1	
159. Suicide by firearms	6	3										1		1	1	1	2											6	
160. Suicide by cutting instruments																													
161. Suicide by jumping from high places																													
162. Suicide by crushing																													
163. Other suicides																													
164. Fractures	11	2						1						2	2	1	2	1			1		1					8	3
165. Luxations	1												1															1	
166. Other accidental traumatisms	12	1	1					1	1			2	2	2		1	1	1			1							11	1
167. Burns and scalds	5			1	1	1		3				1						1										2	3
168. Burns by corrosive substances																													
169. Insolation																													
170. Freezing																													
171. Electrical disturbances	1	1											1															1	
172. Accidental submersion																													
173. Starvation, privation, etc.																													
174. Absorption of deleterious gases (suicide excepted)	1	1													1													1	
175. Other acute poisonings																													
176. Other external violence	15	1	14					14							1	1												9	7
Total affections, etc.	69	13	15	1	1	1		18	2			1	6	6	6	5	3	4	2	2		1	1	1				45	15
XIV. Ill-defined Diseases.																													
177. Dropsy																													
178. Sudden death																													
179. Non-specified or ill-defined causes of death	6	3						3	1										1		1							6	
Total ill-defined diseases	6	3						3	1										1		1							6	
Total from all causes,	1139	117	102	53	26	13	10	294	25	16	21	33	49	54	38	58	97	65	36	84	70	73	39	44	22	5	594	348	

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Date of death.	Additional deaths. Deaths of non-residents.	AGE.																	SEX.				
																				Males.	Females.			
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	Color.			Condition.	Nativity.	Parentage.
172. Accidental submersion	Jan. 1909.	1														1			Black	Single.	Unknown.	Unknown.	1	

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF MARCH, 1909, AND FOR THE CORRESPONDING MONTH IN 1908.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	MARCH, 1909.	MARCH, 1908.	MARCH, 1909.	MARCH, 1908.		MARCH, 1909.	MARCH, 1908.	MARCH, 1909.	MARCH, 1908.
Cholera	—	—	—	—	Measles	308	869	2	1
Chicken-pox	103	106	—	—	Scarlatina	261	316	—	—
Cerebro-spinal Meningitis	11	15	—	—	Smallpox	—	—	2	—
Diphtheria and Croup	258	263	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	243	203	—	—	Typhoid fever	24	26	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,446	Cattle condemned, 40	17,952 lbs.
Calves "	3,129	Calves " 74	2,572 "
Sheep "	126	Sheep " —	—
Hogs "	5,394	Hogs " 107	10,251 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 863 lbs.	25 lbs.	Miscellaneous, 2 bush.
" (tainted) —		Fruit . . . —
Poultry " 75 "	Oysters, 25 gal.	
Mutton " 4 "		
Beef " 15 "		
Pork " 19 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	572
" "	" " Wagons	730
" "	" brought in by Citizens	25
" "	" for bacteriological examination, 773	
" "	Vinegar	105
" "	Butter and Cheese	110
Total Samples,		2,315

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	174
	Positive for release	89
	Negative for diagnosis	982
	Negative for release	176
	"No growth" cultures	19 1,440
TUBERCULOSIS:	Positive	122
	Negative	522
	Unsatisfactory	— 644
TYPHOID:	Positive	7
	Negative	116
	Unsatisfactory	2 125

GLANDERS:	Positive	6
	Negative	24
	Unsatisfactory	2 32
Other examinations:	* Positive	27
	Negative	69
	Unsatisfactory	5 101
BACTERIOLOGICAL MILK EXAMINATIONS		773
Total		3,115

* Rabies, Malaria, Anthrax, Gonorrhoea, Ophthalmia, Trachoma, Influenza, Pneumococci, Cultures from Abscesses, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of March, 1909, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.18	24	48	N.W.N. & S.W.	0	Mean Barometer, 29.783.
2	29.82	39	85	S.W.	.18	Highest Barometer, 30.34.
3	29.78	34	90	N. E.	.04	Lowest Barometer, 29.02.
4	29.14	38	86	N. E.	.80	Monthly Range of Barometer, 1.32.
5	29.56	26	55	W.	0	Mean Temperature, 36.8°.
6	29.97	30	54	W.	0	Highest Temperature, 55°.
7	29.98	36	79	S.W.	.01	Lowest Temperature, 17°.
8	30.07	33	46	N.W.	0	Monthly Range of Temperature, 38°.
9	30.12	34	75	N.W.	.23	Greatest Daily Range of Temperature, 22°.
10	29.60	42	94	N. E. & W.	.39	Least Daily Range of Temperature, 6°.
11	29.96	36	60	W.	0	Mean Daily Range of Temperature, 13.9°.
12	30.29	36	52	W.	0	Mean Daily Dew-point, 25.2.
13	30.03	37	70	E.	.02	Mean Daily Relative Humidity, 66.2.
14	29.77	38	78	N.W.	*T	Prevailing Direction of Wind, N.W.
15	29.92	36	50	N.W.	0	Total Movement of Wind, 9,418 miles.
16	30.06	34	56	S.	0	Highest Velocity of Wind and Direction, 40—S.E.
17	29.76	35	63	W.	.09	Number of Foggy Days, 4.
18	29.90	33	48	N.W.	0	Number of Clear Days, 12.
19	29.80	38	55	W.	*T	Total Number of Days on which Rain or Snow fell, 11.
20	29.72	35	78	N.W.	.08	Depth of Unmelted Snow on ground at end of month, none.
21	29.93	36	43	N.W.	0	Dates of Auroras, none.
22	29.90	30	49	N.W.	0	Dates of Lunar Halos, 2, 6.
23	29.93	38	46	N.W.	0	Dates of Solar Halos, 9, 16.
24	29.88	42	46	N.W.	0	Thunder Storms, 10.
25	29.30	42	90	S. E.	1.60	Dates of Frosts, none.
26	29.46	39	84	S.W.	*T	Mean Maximum Temperature, 43.8.
27	29.71	44	82	S.W.	.01	Mean Minimum Temperature, 29.9.
28	29.42	42	97	N.	.43	MEAN TEMPERATURE for this month in
29	29.54	42	70	W.	0	1871 42
30	29.65	43	70	N.W.	0	1872 26
31	29.69	46	52	N.W.	0	1873 34
TOTALS.....	—	—	—	—	3.28	1874 34
MEANS.....	29.797	36.8	66.2	N.W.	—	1875 31
						1876 33
						1877 35
						1878 40
						1879 34
						1880 33
						1881 37
						1882 36
						1883 31
						1884 34
						1885 23
						1886 33
						1887 32
						1888 33
						1889 23
						1890 34
						1891 33
						1892 34
						1893 42
						1894 35
						1895 32
						1896 37
						1897 43
						1898 34
						1899 34
						1900 36
						1901 43
						1902 44
						1903 35
						1904 37
						1905 32
						1906 33
						1907 38
						1908 39
						1909 37

Average mean temperature for 39 years, 35°. Average monthly precipitation for 39 years, 4.07 inches. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of April, 1909.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of April, 1909 1,036.

Population estimated at 617,075.

Rate per 1,000 inhabitants, 20.43.

Deaths of non-residents, 106.

*Corrected rate per 1,000 inhabitants, 18.34.

Total number 1,036

SEX.

Males 537

Females 499

CONDITION.

Single 460

Married 355

Widowed 197

Divorced 5

Unknown 19

COLOR.

White 1,010

Black (Negro or mixed) 24

Chinese 2

Total deaths of children, {
Under 1 year 161
Under 2 years 210
Under 5 years 247

NATIVITY.

United States 605

Ireland 193

England 16

Scotland 10

Germany 21

British America 92

Italy 28

Russia 26

Sweden 4

Other Countries 17

Unknown 24

PARENTAGE.

United States 204

Irish 287

English 18

Scotch 15

German 22

British American 69

Italian 65

Russian 59

Swedish 6

Both parents foreign 55

One parent foreign 66

One parent unknown 60

Unknown 110

Still-births during the month 54

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for April, 1898. Deaths of non-residents.	AGE.																	SEX.								
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	3	1					1							1	1											1	2
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
(a) Malarial cachexia																											
5. Variola																											
6. Measles	15	4	2				1	13	2																	8	7
7. Scarletina	13	2	1	3	3	1	2	10	3																	3	10
8. Whooping cough	8	4	1		1	1	7	1																		7	1
9. Diphtheria (and croup)	18		3	2	3	2	10	3																		7	6
10. Grippe	14	1					1		1	1	1					3	3	2					2			6	8
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery																											
(a) Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	9	3	1				1							1			2		3	2						6	3
19. Other epidemic affections	1			1			1																			1	
20. Purulent infection and septicaemia	5	2								1	1			1					2							1	4
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx	1														1											1	
27. Tubercle of the lungs	95	4		1				1	2	1	6	11	8	17	16	13	5	6	3	1	1	4				49	46
28. Tubercle of the meninges	8	4	2	2	1	2	1	8																		5	8
29. Tubercle, abdominal	3	1	2				3																			2	1
30. Pott's diseases																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)	1	1	1																							1	
33. Tubercle of other organs	4	1	1				1			1					1						1					2	2
34. Tubercle, generalized	4																										
35. Scrofula																											
36. Syphilis*	4	3		1			4												</								

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

Total Mortality for April, 1909.	Deaths of non-residents.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.

I. General Diseases.—Concluded.

43. Cancer and other malignant tumors of the breast	3	2																2				1					3	
44. Cancer and other malignant tumors of the skin	2	1									1								1							1	1	
45. Cancer and other malignant tumors of organs not specified	5	2									1				1	1		2								3	2	
46. Other tumors (tumors of the female genital organs excepted)																												
47. Rheumatism, acute, articular	8	1								1	2	1			1	1			1			1				5	3	
48. Rheumatism, chronic, and gout.																												
49. Scorbatus																												
50. Diabetes	11	2								2					1	1			2	1	2		2				7	4
51. Goitre, exophthalmic																												
52. Addison's disease																												
53. Leukemia																												
54. Anemia, chlorosis	4					1				1					1				1			1				1	3	
55. Other general diseases																												
56. Alcoholism, acute and chronic	7	1								1				3	2		1									5	2	
57. Saturnism																												
58. Other trade intoxications																												
59. Other chronic poisonings																												
Total general diseases	286	34	20	21	7	8	7	63	13	3	10	16	10	23	23	27	11	13	16	19	9	14	10	3	3		143	143

II. Diseases of the Nervous System and of the Organs of Sense.

60. Encephalitis	1																					1					1		
61. Meningitis, simple	9		6	2			8						1														4	5	
61a. Meningitis, epidemic cerebro-spinal	6		2	2		1	5			1																	5	1	
62. Locomotor ataxia, progressive	2																				1		1					2	
63. Other diseases of the spinal cord	1																								1			1	
64. Cerebral congestion and hemorrhage	50	3	1				1						1	1	1	1	1	6	10	8	12	3	4	1		24	26		
65. Cerebral softening	2	1																			1		1					1	1
66. Paralysis, without cause assigned																													
67. General paralysis	2																											2	
68. Other forms of mental alienation																													
69. Epilepsy	1																								1			1	
70. Eclampsia (non-puerperal)																													
71. Convulsions of children	5		4	1			5																					4	1
72. Tetanus																													
73. Chorea	1	1																											
74. Other diseases of the nervous system	3	1					1	1															1						
75. Diseases of the eye and appendages																													
76. Diseases of the ear	3	1	2				2			1																		2	1
Total of the nervous system, etc.,	86	7	15	5		1	1	22		3			1	1	3	2	3	7	11	9	12	5	5	2			45	41	

III. Diseases of the Circulatory Apparatus.

77. Pericarditis	1														1													1
78. Endocarditis, acute	25	1			1		1		1	1	1	1		1	1	1	5	1	1	3		3	3	1			7	18
79. Organic diseases of the heart	97	6	2					2	1	2	3	2	3	2	5	5	4	8	8	10	6	9	16	7	2	2	31	46

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

[illegible]

CAUSES OF DEATH.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		Total Mortality for A pril, 1909.	Deaths of non residents.	AGE.																				SEX.						
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																														
149. Other diseases of the organs of locomotion																														
Total organs, locomotion																														
X. Malformations.																														
150. Malformations, congenital (still-births excepted)																														
XI. Early Infancy.																														
151. Congenital debility, icterus and sclerema																														
152. Other diseases appertaining to infancy,																														
153. Lack of care																														
Total early infancy																														
XII. Old Age.																														
154. Senile debility																														
XIII. Affections Produced by External Causes.																														
155. Suicide by poison																														
156. Suicide by asphyxia																														
157. Suicide by hanging or strangulation																														
158. Suicide by submersion																														
159. Suicide by firearms																														
160. Suicide by cutting instruments																														
161. Suicide by jumping from high places																														
162. Suicide by crushing																														
163. Other suicides																														
164. Fractures																														
165. Luxations																														
166. Other accidental traumatisms																														
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168. Burns by corrosive substances																														
169. Insolation																														
170. Freezing																														
171. Electrical disturbances																														
172. Accidental submersion																														
173. Starvation, privation, etc.																														
174. Absorption of deleterious gases (suicide excepted)																														
175. Other acute poisonings																														
176. Other external violence																														
Total affections, etc.																														
XIV. Ill-defined Diseases.																														
177. Dropsy																														
178. Sudden death																														
179. Non-specified or ill-defined causes of death																														
Total ill-defined diseases																														
Total from all causes.																														

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Date of death.	Additional deaths. Deaths of non-residents.	AGE.																	SEX.					
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	Color.	Condition.	Nativity.	Parentage.	Malice.	Females	
172. Accidental submersion	Feb. 1909.	1																		White.	Unknown.	Unknown.	Unknown.	1	
	Mar. 1909.	1												1						White.	Unknown.	Unknown.	Unknown.	1	

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF APRIL, 1909, AND FOR THE CORRESPONDING MONTH IN 1908.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	APRIL, 1909.	APRIL, 1908.	APRIL, 1909.	APRIL, 1908.		APRIL, 1909.	APRIL, 1908.	APRIL, 1909.	APRIL, 1908.
Cholera	—	—	—	—	Measles	338	1,431	—	—
Chicken-pox	89	87	—	—	Scarlatina	231	283	—	—
Cerebro-spinal Meningitis	8	13	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	217	237	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	22	653	—	—
Tuberculosis	247	239	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	1,128	Cattle condemned, 34	22,816 lbs.
Calves "	2,920	Calves "	19 713 "
Sheep "	47	Sheep "	— "
Hogs "	3,949	Hogs "	90 15,449 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 207 lbs.	— lbs.	Miscellaneous, $\frac{1}{2}$ bush.
" (tainted) 32 "		Fruit "
Poultry " 50 "		
Mutton " 142 "		
Beef " 495 "		
Pork " — "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	506
" "	" " Wagons	776
" "	" brought in by Citizens	18
" "	" for bacteriological examination,	541
" "	Vinegar	84
" "	Butter and Cheese	62
Total Samples,		2,077

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	125
	Positive for release	113
	Negative for diagnosis	877
	Negative for release	201
	"No growth" cultures	14 1,330
TUBERCULOSIS:	Positive	121
	Negative	454
	Unsatisfactory	575
TYPHOID:	Positive	17
	Negative	123
	Unsatisfactory	1 141

GLANDERS:	Positive	8
	Negative	9
	Unsatisfactory	7 24
Other examinations:	Positive	22
	Negative	63
Unsatisfactory		1 86
BACTERIOLOGICAL MILK EXAMINATIONS		541
Total		2,097

* Malaria, Gonorrhoea, Conradi tests, Pus, Actinomycosis, Pneumococci, Influenza, Rabies, T. B. feces, etc.

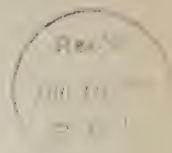
METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of April, 1909, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.00	43	48	N.W.	0	Mean Barometer, 30.055.
2	30.04	39	75	E.	*T	Highest Barometer, 30.64.
3	29.73	39	97	N. E.	.16	Lowest Barometer, 29.48.
4	29.76	45	71	N.W.	0	Monthly Range of Barometer, 1.16.
5	30.11	52	58	S.E. & N.W.	0	Mean Temperature, 47.8°.
6	30.04	56	80	S.W.	*T	Highest Temperature, 83°.
7	29.63	64	75	S.W.	*T	Lowest Temperature, 25°.
8	29.92	48	80	W.	0	Monthly Range of Temperature, 58°.
9	29.81	42	88	W.	.14	Greatest Daily Range of Temperature, 33°.
10	30.04	37	80	W.	0	Least Daily Range of Temperature, 3°.
11	30.56	36	54	N.W.	0	Mean Daily Range of Temperature, 16.7°.
12	30.57	45	74	S.W.	0	Mean Daily Dew-point, 37.5.
13	30.30	58	75	S.W.	0	Mean Daily Relative Humidity, 72.8.
14	30.13	60	94	S.W.	.90	Prevailing Direction of Wind, S.W.
15	30.14	49	94	N.	.78	Total Movement of Wind, 8,730 miles.
16	30.38	46	66	N.W.	0	Highest Velocity of Wind and Direction, 43—N.W.
17	30.22	52	74	S.W.	0	Number of Foggy Days, 12.
18	30.15	56	65	S.	0	Number of Fair Days, 10.
19	29.73	66	76	S.W.	.01	Number of Clear Days, 8.
20	30.10	54	69	E.	.04	Total Number of Days on which Rain or Snow fell, 12.
21	30.13	42	90	E.	.12	Depth of Unmelted Snow on ground at end of month, none.
22	29.81	55	70	N.W.	.13	Dates of Auroras, none.
23	29.90	50	64	N.W.	.50	Dates of Solar Halos, 26, 27, 29.
24	30.18	48	46	N.W.	0	Dates of Frosts, killing, 27, 29.
25	30.13	44	55	S.W.	.01	Mean Maximum Temperature, 56.1.
26	29.98	46	70	N. E.	0	Mean Minimum Temperature, 39.4.
27	30.08	42	75	E.	0	MEAN TEMPERATURE for this month is
28	30.00	45	70	N.W.	.72	Total Precipitation for this Month in Inches
29	30.32	38	58	S.E. & N.W.	0	1871 47
30	30.02	38	96	N. E.	.41	1872 47
31						1873 45
TOTALS.....	—	—	—	—	3.92	1874 39
MEANS.....	30.068	47.8	72.8	S. W.	—	1875 43
						1876 44
						1877 44
						1878 43
						1879 42
						1880 46
						1881 44
						1882 43
						1883 45
						1884 44
						1885 47
						1886 49
						1887 44
						1888 43
						1889 48
						1890 46
						1891 48
						1892 48
						1893 44
						1894 47
						1895 46
						1896 47
						1897 49
						1898 44
						1899 48
						1900 49
						1901 44
						1902 48
						1903 48
						1904 45
						1905 47
						1906 47
						1907 43
						1908 47
						1909 48

Average mean temperature for 39 years, 46°. Average monthly precipitation for 39 years, 3.50 inches. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of May, 1909.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of May, 1909	935.
Population estimated at 617,075.	Rate per 1,000 inhabitants, 17.84.
Deaths of non-residents, 122.	*Corrected rate per 1,000 inhabitants, 15.51.

Total number 935

SEX.

Males 494
Females 441

CONDITION.

Single 434
Married 317
Widowed 175
Divorced 1
Unknown 8

COLOR.

White 910
Black (Negro or mixed) 22
Chinese 2
Indian 1

Total deaths of children, {
Under 1 year 145
Under 2 years 190
Under 5 years 232

NATIVITY.

United States 577
Ireland 148
England 20
Scotland 7
Germany 9
British America 78
Italy 25
Russia 28
Sweden 7
Other Countries 21
Unknown 15

PARENTAGE.

United States 210
Irish 246
English 15
Scotch 9
German 14
British American 54
Italian 67
Russian 54
Swedish 9
Both parents foreign 57
One parent foreign 77
One parent unknown 55
Unknown 68
Still-births during the month 63

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																	SEX.
	Total Mortality for May, 1901.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	
I. General Diseases.																		
1. Typhoid Fever	4	1								1				1		2		4
2. Exanthematous typhus																		
3. Recurrent fever																		
4. Intermittent fever and malarial cachexia																		
(a) Malarial cachexia																		
5. Variola																		
6. Measles	13	3	2	6	5			13										7 6
7. Scarlatina	10	5		1	2	3		6	2	2								5 5
8. Whooping cough	4		3	1				4										1 3
9. Diphtheria (and croup)	17	1	1	5	3			9	5	1					1	1		9 8
10. Grippe	2	1	1					1										1 1
11. Miliary Fever																		
12. Asiatic Cholera																		
13. Cholera nostras																		
14. Dysentery																		
(a) Dysentery, epidemic																		
15. Pest (Plague; bubonic plague)																		
16. Yellow fever																		
17. Leprosy																		
18. Erysipelas	7	3						3							1	3		5 2
19. Other epidemic affections																		
20. Purulent infection and septicemia	9	3	2					2	1	1	1	1			1	1		5 4
21. Glanders and farcy																		
22. Malignant pustule and charbon (anthrax)																		
23. Rabies	1														1			1
24. Actinomycosis, trichinosis, etc.																		
25. Pellagra																		
26. Tubercle of the larynx	1																1	1
27. Tubercle of the lungs	92	10	3	2		1	6	1	6	11	12	17	6	14	5	6	5	3 80 42
28. Tubercle of the meninges	16	1	4	5	3	1	13				1		1		1			8 8
29. Tubercle, abdominal	5		1	1			2		1								1 1	2 3
30. Pott's disease																		
31. Abscess, cold and by congestion																		
32. Tumors, white (white swellings)																		
33. Tubercle of other organs	2											1	1					2
34. Tubercle, generalized																		
35. Scrofula																		
36. Syphilis*	5	4					4				1							2 3
(a) Syphilis, hereditary	4	4					4											2 2
37. Gleet																		
38. Gonococcal infections of the child																		
39. Cancer and other malignant tumors of the buccal cavity	1																1	1
40. Cancer and other malignant tumors of the stomach and liver	15	1									1	1		1	1	2	4	2 3 12 3
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	7	1									1	1				1	3	1 2 5
42. Cancer and other malignant tumors of the genital organs of the female	8										1	1		1	1	2	2	8

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for Deaths of May, 1909, non-residents.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
43. Cancer and other malignant tumors of the breast														4	1			3				1					9	
44. Cancer and other malignant tumors of the skin															3			1	1	5						5	6	
45. Cancer and other malignant tumors of organs not specified	11	2								1																		
46. Other tumors (tumors of the female genital organs excepted)																		1	1							1	1	
47. Rheumatism, acute, articular	2	1																	1	1						1	1	
48. Rheumatism, chronic, and gout.																												
49. Scorbutus																												
50. Diabetes	12	1												1			1		4	3	1	1	1			7	5	
51. Gout, exophthalmic																												
52. Addison's disease	2													1			1									2		
53. Leukemia	2	2						1					1													2		
54. Anemia, chlorosis	3																2			1						1	2	
55. Other general diseases																												
56. Alcoholism, acute and chronic	6	1												1	2		1		1			1				3	3	
57. Saturnism																												
58. Other trade intoxications																												
59. Other chronic poisonings																												
Total general diseases	206	34	24	19	15	3	2	65	9	6	8	13	15	23	17	27	19	16	10	20	17	3	6	2	1	135	141	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis	1	1						1																		1		
61. Meningitis, simple	7		2	1	2	1		6								1										5	2	
61a. Meningitis, epidemic cerebro-spinal	2							1					1													2		
62. Locomotor ataxia, progressive	1														1											1		
63. Other diseases of the spinal cord	2																		1		1					2		
64. Cerebral congestion and hemorrhage	52	3	1					1		1			2	2	5	4	1	9	5	4	11	4	2	1	29	23		
65. Cerebral softening																												
66. Paralysis, without cause assigned	1																			1						1		
67. General paralysis	3												1	1			1									1	2	
68. Other forms of mental alienation																												
69. Epilepsy	3		1					1		1						1										3		
70. Eclampsia (non-puerperal)	1	1						1																		1		
71. Convulsions of children	7		6	1				7																		3	4	
72. Tetanus	1												1													1		
73. Chorea	1	1								1																1		
74. Other diseases of the nervous system	6	1	1					1	1				1	3												4	2	
75. Diseases of the eye and appendages																												
76. Diseases of the ear	5	2	1	1	1			3	1						1											1	1	
Total of the nervous system, etc.,	58	8	13	3	5	1		20	3	1	2	1	4	6	4	7	5	1	10	5	6	11	4	2	1	54	30	
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis	3	1			1			1	1					1												2	1	
78. Endocarditis, acute	14							2		1		2	1		1					3	2	2				6	8	
79. Organic diseases of the heart	95	7	1		1			2	2	1	6	2	3	1	1	7	3	10	11	8	9	15	6	4	2	2	4	35

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		AGE.																										SEX.		
Total Mortality for May, 1909.		Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory Apparatus.—Concluded.																														
80.	Angina pectoris	3																			1	1	1					3		
81.	Diseases of the arteries (atheroma, aneurism, etc.)	12																		1	1	1	3	2	2	1	1	8		
82.	Embolism and thrombosis	6	2											2			1					1	1		1			4	2	
83.	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																													
84.	Diseases of the lymphatic system (lymphangitis, etc.)																													
85.	Hemorrhages	1												1														1		
86.	Other diseases of the circulatory apparatus																													
	Total of circulatory apparatus	134	10	1	2				3	3	3	6	3	3	5	4	7	4	11	12	9	12	23	11	9	3	3	64	70	
IV. Diseases of the Respiratory Apparatus.																														
87.	Diseases of the nasal fossae																													
88.	Diseases of the larynx	1													1													1		
89.	Diseases of the thyroid body																													
90.	Bronchitis, acute	9		3	1	1			5											1					2	1		3	6	
91.	Bronchitis, chronic	1																		1								1		
92.	Broncho-pneumonia	24	10	6	1				17								2					1	1		2	1		12	12	
93.	Pneumonia	78	6	7	9	2		1	19	1	2	2	3	4	1	1	5	4	4	6	11	4	5	2	3	1		41	37	
94.	Pleurisy	4		2	1				3						1													1	3	
95.	Pulmonary congestion and apoplexy																													
96.	Gangrene of the lung																													
97.	Asthma																													
98.	Emphysema, pulmonary	1	1																	1								1		
99.	Other diseases of the respiratory apparatus (phthisis excepted)	2	1		1				1												1							2		
	Total respiratory apparatus	120	8	22	16	6		1	45	1	2	2	3	4	1	2	6	6	4	9	11	2	6	2	7	1	2	60	60	
V. Diseases of the Digestive Apparatus.																														
100.	Diseases of the mouth and its adnexa,																													
101.	Diseases of the pharynx																													
102.	Diseases of the esophagus																													
103.	Ulcer of the stomach	2														1				1								2		
104.	Other diseases of the stomach (cancer excepted)	3																			1		2					1	2	
105.	Diarrhoea and enteritis (under two years)	24	2	24	1				24																			19	14	
	(a) Diarrhoea and enteritis, chronic (under two years)	1			1				1																			1		
106.	Diarrhoea and enteritis (two years and over)	7	3			2		1	3		1								1						1	1		6	2	
107.	Parasites, intestinal																													
108.	Hernia, intestinal obstructions	7	1	1			1		2	1			1						1		1				1			5	2	
109.	Other diseases of the intestines	2	1																	1	1							2		
110.	Acute yellow atrophy of the liver																													
111.	Hydatid tumors of the liver																													
112.	Carcinoma of the liver	7	1											1	2		2			1	1							6	1	
113.	Biliary calculi																													
114.	Other diseases of the liver	1															1											1		
115.	Diseases of the spleen																													
116.	Peritonitis, simple (puerperal excepted),	2	1												1		1											2	1	

CAUSES OF DEATH.		Total Mortality for May, 1909.		Deaths of non-residents.	
1	Under 1 year.				
2	1 year and under 2 years.				
3	2 years and under 3 years.				
4	3 years and under 4 years.				
5	4 years and under 5 years.				
6	Total under 5 years.				
7	5 years and under 6 years.				
8	6 years and under 7 years.				
9	7 years and under 15 years.				
10	15 years and under 20 years.				
11	20 years and under 25 years.				
12	25 years and under 30 years.				
13	30 years and under 35 years.				
14	35 years and under 40 years.				
15	40 years and under 45 years.				
16	45 years and under 50 years.				
17	50 years and under 55 years.				
18	55 years and under 60 years.				
19	60 years and under 65 years.				
20	65 years and under 70 years.				
21	70 years and under 75 years.				
22	75 years and under 80 years.				
23	80 years and under 85 years.				
24	85 years and under 90 years.				
25	90 years and over.				
26	Males.				
27	Females.				

V. Diseases of the Digestive Apparatus.

VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.

VII. Puerperal State.

VIII. Diseases of the Skin and Cellular Tissue.

IX. Diseases of the Organs of Locomotion.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for May, 1906.	Deaths of non-residents.	AGE.																												SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.				
IX. Diseases of the Organs of Locomotion.—Concluded.																																
140. Other diseases of the organs of locomotion																																
Total organs, locomotion																																
X. Malformations.																																
150. Malformations, congenital (still-births excepted)																																
XI. Early Infancy.																																
151. Congenital debility, icterus and sclerema																																
152. Other diseases appertaining to infancy,																																
153. Lack of care																																
Total early infancy																																
XII. Old Age.																																
154. Senile debility																																
XIII. Affections Produced by External Causes.																																
155. Suicide by poison																																
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion																																
159. Suicide by firearms																																
160. Suicide by cutting instruments																																
161. Suicide by jumping from high places																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures																																
165. Luxations																																
166. Other accidental traumatism																																
167. Burns and scalds																																
168. Burns by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical disturbances																																
172. Accidental submersion																																
173. Starvation, privation, etc.																																
174. Absorption of deleterious gases (suicide excepted)																																
175. Other acute poisonings																																
176. Other external violence																																
Total affections, etc.																																
XIV. Ill-defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Non-specified or ill-defined causes of death																																
Total ill-defined diseases																																
Total from all causes,																																

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

[illegible]

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF MAY, 1909, AND FOR THE CORRESPONDING MONTH IN 1908.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	MAY, 1909.	MAY, 1908.	MAY, 1909.	MAY, 1908.		MAY, 1909.	MAY, 1908.	MAY, 1909.	MAY, 1908.
Cholera	—	—	—	—	Measles	386	1,251	1	1
Chicken-pox	93	80	—	—	Scarlatina	130	276	—	—
Cerebro-spinal Meningitis . .	3	8	—	—	Smallpox	—	—	—	—
Diphtheria and Croup . . .	187	260	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	27	89	—	—
Tuberculosis	282	218	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected . . .	1,388	Cattle condemned, 19	12,008 lbs.
Calves " . . .	3,020	Calves " 10	335 "
Sheep " . . .	69	Sheep " —	"
Hogs " . . .	3,696	Hogs " 110	16,663 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.	VEGETABLES.
Veal (immature)	13 lbs.	22 lbs.	Miscellaneous, 12 bush.
" (tainted)	—		Fruit . . . — "
Poultry "	468 "		
Mutton "	118 "		
Beef "	—		
Pork "	—		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	579
"	" " Wagons	656
"	" brought in by Citizens	13
"	" for bacteriological examination,	363
"	Vinegar	85
"	Butter and Cheese	48
	Total Samples,	1,744

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	.	.	174
	Positive for release	.	.	89
	Negative for diagnosis	.	.	1,316
	Negative for release	.	.	238
	"No growth" cultures	.	18	1,835
TUBERCULOSIS:	Positive	.	.	102
	Negative	.	.	497
	Unsatisfactory	.	.	— 599
TYPHOID:	Positive	.	.	13
	Negative	.	.	92
	Unsatisfactory	.	.	3 108

GLANDERS:	Positive	5		
	Negative	12		
	Unsatisfactory	4		21
Other examinations:*	Positive	33		
	Negative	70		
	Unsatisfactory	2		105
BACTERIOLOGICAL MILK EXAMINATIONS				363
Total				<u>3,031</u>

* Rabies, Malaria, Gonorrhoea, Ophthalmia, Paratyphoids, T. B. Pus, Genito-urinary T. B., Conrad's tests, Pneumococci, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of May, 1909, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.66	42	98	N. E.	1.00	Mean Barometer, 29.94.
2	29.94	46	58	S.W.	.05	Highest Barometer, 30.31.
3	30.10	53	57	S.W.	0	Lowest Barometer, 29.53.
4	29.90	57	58	S.W.	.08	Monthly Range of Barometer, .78.
5	29.92	54	74	S.W.	.02	Mean Temperature, 55.8°.
6	29.88	66	71	S.W.	0	Highest Temperature, 83°.
7	30.08	48	83	E.	.21	Lowest Temperature, 38°.
8	30.14	50	76	E.	0	Monthly Range of Temperature, 45°.
9	30.08	48	98	E.	0	Greatest Daily Range of Temperature, 33°.
10	29.63	64	88	S.W.	0	Least Daily Range of Temperature, 4°.
11	29.76	62	65	N.W.	.05	Mean Daily Range of Temperature, 16.1°.
12	30.08	66	52	N.W.	.4	Mean Daily Dew-point, 46.2.
13	30.04	66	48	W. & S.W.	0	Mean Daily Relative Humidity, 75.8.
14	29.86	68	70	W.	.01	Prevailing Direction of Wind, E.
15	29.83	66	74	W. & N.W.	0	Total Movement of Wind, 8,143 miles.
16	29.86	53	93	E.	.27	Highest Velocity of Wind and Direction, 32 — N.E.
17	29.94	49	93	E.	.03	Number of Foggy Days, none.
18	29.98	52	92	E.	0	Number of Fair Days, 10.
19	30.14	50	94	E.	0	Number of Cloudy Days, 15.
20	30.28	49	85	E.	0	Total Number of Days on which Rain or Snow fell, 14.
21	30.27	50	80	E.	0	Depth of Unmelted Snow on ground at end of month, none.
22	30.06	44	96	N.E.	.32	Dates of Auroras, 15.
23	29.82	50	72	N.E.	.05	Dates of Lunar Halos, none.
24	29.78	63	52	N.W.	0	Dates of Solar Halos, 8, 14, 21.
25	30.08	56	63	N.	0	Thunder Storms, 7, 16.
26	30.24	61	60	W.	0	Dates of Frosts, none.
27	30.07	62	86	S.W.	.13	Mean Maximum Temperature, 63.4.
28	29.72	65	92	N.	.10	Mean Minimum Temperature, 48.3.
29	29.64	58	86	N.W.	.01	MEAN TEMPERATURE for this month is
30	29.72	62	62	N.W.	0	Total Precipitation for this Month in Inches
31	29.79	66	54	N.W.	0	
TOTALS.....	—	—	—	—	2.33	
MEANS.....	29.95	55.8	75.8	E.	—	
						1871 58
						1872 59
						1873 57
						1874 55
						1875 58
						1876 55
						1877 55
						1878 56
						1879 60
						1880 64
						1881 57
						1882 51
						1883 56
						1884 65
						1885 53
						1886 57
						1887 60
						1888 53
						1889 60
						1890 57
						1891 56
						1892 56
						1893 56
						1894 58
						1895 60
						1896 60
						1897 58
						1898 56
						1899 58
						1900 53
						1901 54
						1902 58
						1903 58
						1904 61
						1905 58
						1906 58
						1907 52
						1908 59
						1909 56

Average mean temperature for 39 years, 57°. Average monthly precipitation for 39 years, 3.40 inches.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of June, 1909.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of June, 1909	798.
Population estimated at 622,970.	Rate per 1,000 inhabitants, 15.59.
Deaths of non-residents, 98.	*Corrected rate per 1,000 inhabitants, 13.67.

Total number 798

SEX.

Males 436

Females 362

CONDITION.

Single 366

Married 256

Widowed 157

Divorced 8

Unknown 11

COLOR.

White 773

Black (Negro or mixed) 24

Indian 1

Total deaths of children, { Under 1 year 117

{ Under 2 years 147

{ Under 5 years 180

NATIVITY.

United States 443

Ireland 154

England 18

Scotland 10

Germany 14

British America 83

Italy 16

Russia 20

Sweden 5

Other Countries 17

Unknown 18

PARENTAGE.

United States 164

Irish 215

English 15

Scotch 12

German 16

British American 49

Italian 43

Russian 37

Swedish 4

Both parents foreign 45

One parent foreign 58

One parent unknown 56

Unknown 84

Still-births during the month 54

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																		SEX.										
	Total Mortality for June, 1906.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.																													
1. Typhoid Fever	3	1									1	1	1															3	
2. Exanthematous typhus																													
3. Recurrent fever																													
4. Intermittent fever and malarial cachexia																													
(a) Malarial cachexia																													
5. Variola																													
6. Measles	4			2	2				4																			3	1
7. Scarlatina	5				4				4	1																		4	1
8. Whooping cough	2			1	1				2																			1	1
9. Diphtheria (and croup)	13		3	4	3		1	11	1	1																		9	4
10. Grippe	3																		1	1					1				3
11. Miliary Fever																													
12. Asiatic Cholera																													
13. Cholera nostras																													
14. Dysentery																													
(a) Dysentery, epidemic																													
15. Pest (Plague; bubonic plague)																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	2		1					1											1										2
19. Other epidemic affections																													
20. Purulent infection and septicemia	1										1																		1
21. Glanders and farcy																													
22. Malignant pustule and charbon (anthrax)																													
23. Rabies																													
24. Actinomycosis, trichinosis, etc.																													
25. Pellagra																													
26. Tubercle of the larynx																													
27. Tubercle of the lungs	66	9	1	1	1			3			5	11	5	9	16	3	8	4	1			1						36	30
28. Tubercle of the meninges	11	1	2	4	4		10	1																				7	4
29. Tubercle, abdominal	4			1		1	2				2																	1	3
30. Pott's disease																													
31. Abscess, cold and by congestion																													
32. Tumors, white (white swellings)																													
33. Tubercle of other organs	3	1	1	1			2												1									2	1
34. Tubercle, generalized																													
35. Scrofula	1		1																										1
36. Syphilis*	6	1	4				4								1	1												5	1
(a) Syphilis, hereditary	4	1	4				4																					3	1
37. Hemorrhagia of the adult																													
38. Gonococcal infections of the child																													
39. Cancer and other malignant tumors of the buccal cavity	2																	1		1									2
40. Cancer and other malignant tumors of the stomach and liver	19	1													2	1	1	1	3	8	3	2	2		1			9	10
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	5	1													1					2		2						3	2
42. Cancer and other malignant tumors of the genital organs of the female	7	2															1	1	3		1	1							7

*Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for June, 1901.	Days of non-residents.	AGE.																	SEX.									
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																													
43. Cancer and other malignant tumors of the breast	4																1	2	1									4	
44. Cancer and other malignant tumors of the skin	2																1	1										1	1
45. Cancer and other malignant tumors of organs not specified	10																2	1	1	2		3			1			6	4
46. Other tumors (tumors of the female genital organs excepted)	2	1	1				1				1																	1	1
47. Rheumatism, acute, articular	1									1																		1	
48. Rheumatism, chronic, and gout.																													
49. Scorbntus																													
50. Diabetes	14	2								1	1							5	1	1	3	2						6	8
51. Goltre, exophthalmic	2													1						1									2
52. Addison's disease																													
53. Leukemia																													
54. Anemia, chlorosis	2	1								1								1											2
55. Other general diseases																													
56. Alcoholism, acute and chronic	11	2										2	3	2			1	1	1	1								9	2
57. Saturnism																													
58. Other trade intoxications																													
59. Other chronic poisonings																													
Total general diseases	205	23	14	14	15	1	1	45	3	3	6	16	8	13	22	7	16	12	18	10	9	10	4		3			111	94
II. Diseases of the Nervous System and of the Organs of Sense.																													
60. Encephalitis																													
61. Meningitis, simple	9		1	4	1	2		8										1										4	5
61a. Meningitis, epidemic cerebro-spinal	3	1								1					1	1												2	1
62. Locomotor ataxia, progressive	1																	1										1	
63. Other diseases of the spinal cord	3									1			1					1										2	1
64. Cerebral congestion and hemorrhage	54	2	1				1						1	3	4	1	7	1	4	8	8	5	5	4	2	24	30		
65. Cerebral softening																													
66. Paralysis, without cause assigned	1																					1						1	
67. General paralysis	9												1	4	2			1		1								7	2
68. Other forms of mental alienation	2													1	1														2
69. Epilepsy																													
70. Eclampsia (non-puerperal)																													
71. Convulsions of children	2	2					2																					1	1
72. Tetanus	1															1												1	
73. Chorea																													
74. Other diseases of the nervous system	4		1				1					1				1			1									3	1
75. Diseases of the eye and appendages																													
76. Diseases of the ear	2	1	1				1		1																				2
Total of the nervous system, etc.,	91	4	5	5	1	2		13	1	2			1	3	4	11	5	9	3	5	9	8	6	5	4	2		47	44
III. Diseases of the Circulatory Apparatus.																													
77. Pericarditis	1								1																				1
78. Endocarditis, acute	13	2								2	1	1					1	1		4	1	1						5	7
79. Organic diseases of the heart	82	7						1		3	1	4	4	4	4	1	12	9	6	6	10	10	5	2				43	39

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for June, 1906. Deaths of non residents.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — Concluded.																											
80. Angina pectoris	2														2											1	1
81. Diseases of the arteries (atheroma, aneurism, etc.)	12															1	1	1		3	2	1	1	2		4	
82. Embolism and thrombosis	8	3											1	1	1					2	1			2		6	2
83. Diseases of the veins (varices, hemor- rhoids, phlebitis, etc.)	2	1			1		1			1																2	
84. Diseases of the lymphatic system (lymphangitis, etc.)	2		1				1	2																		1	1
85. Hemorrhages																											
86. Other diseases of the circulatory appa- ratus																											
Total of circulatory apparatus	121	13	1		1	1	3	2		6	2	5	4	5	5	4	14	11	7	12	15	13	6	5	2	63	58
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossae																											
88. Diseases of the larynx																											
89. Diseases of the thyroid body																											
90. Bronchitis, acute	2		1	1			2																			1	1
91. Bronchitis, chronic	4																		2				1		1	2	2
92. Broncho-pneumonia	19	1	5		3	1	9									1	1	4				2	1	1		9	10
93. Pneumonia	55	6	6	5	1	1	13	2		1	4	4	3		7	5	3	4	2	3	3	1				35	30
94. Pleurisy	1			1			1																			1	
95. Pulmonary congestion and apoplexy	2	1								1									1							1	1
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparat- us (phthisis excepted)	1														1											1	
Total respiratory apparatus	84	8	12	7	4	1	1	25	2		2	4	4	3		8	6	4	10	2	4	5	3	1	1	49	35
V. Diseases of the Digestive Apparatus.																											
100. Diseases of the mouth and its adnexa,																											
101. Diseases of the pharynx	2												1	1												1	
102. Disease of the esophagus	1																							1		1	
103. Ulcer of the stomach																											
104. Other diseases of the stomach (cancer excepted)	10	1	4				4									1				1	2	1		1		2	8
105. Diarrhea and enteritis (under two years)	15	1	12	3			15																			5	10
(a) Diarrhea and enteritis, chronic (under two years)	2	1	2				2																			1	1
106. Diarrhea and enteritis (two years and over)	9	3					1		1	1	1				2				1	1			1			4	5
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	8									1	1			1	1	2	2									3	5
109. Other diseases of the intestines																											
110. Acute yellow atrophy of the liver																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	14	1								1		1	2	1	1	3	1	2				1	1			10	4
113. Biliary calculi	1															1											1
114. Other diseases of the liver	2											1				1											2
115. Diseases of the spleen																											
116. Peritonitis, simple (puerperal excepted),	2						1							1													

CAUSES OF DEATH.

CAUSES OF DEATH.		Total Mortality for June, 1909.		AGE.																				SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				Deaths of non-residents.	Total	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
V. Diseases of the Digestive Apparatus.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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117.	Other diseases of the digestive apparatus (cancer and tubercle excepted),																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1902.	Deaths of non-residents.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
IX. Diseases of the Organs of Locomotion.—Concluded.																														
149. Other diseases of the organs of locomotion																														
Total organs, locomotion	5	2		1				1	1				1					1	1									2	3	
X. Malformations.																														
150. Malformations, congenital (still-births excepted)	9	1	6	1				7	2																			3	6	
XI. Early Infancy.																														
151. Congenital debility, icterus and sclerema	43	8	43					43																				27	16	
152. Other diseases appertaining to infancy,	4		4					4																				2	2	
153. Lack of care	1		1					1																				1		
Total early infancy	48	8	48					48																				30	18	
XII. Old Age.																														
154. Senile debility	4																			1	1	1		1	1	1	1	1	3	
XIII. Affections Produced by External Causes.																														
155. Suicide by poison																														
156. Suicide by asphyxia	2	1														1	1											1	1	
157. Suicide by hanging or strangulation	3											1						1		1								1	2	
158. Suicide by submersion	1														1													1		
159. Suicide by firearms	1															1												1		
160. Suicide by cutting instruments	1																	1										1		
161. Suicide by jumping from high places																														
162. Suicide by crushing	1															1												1		
163. Other suicides																														
164. Fractures	3							1					1					1										3		
165. Luxations																														
166. Other accidental traumatisms	19	7			1	1					5	2	2	2	3	2				1	1						16	3		
167. Burns and scalds	5		1			1	2	1										1		1							1	4		
168. Burns by corrosive substances																														
169. Insolation	10	1	1				1				1	1				3	2	2										9	1	
170. Freezing																														
171. Electrical disturbances																														
172. Accidental submersion	8	4							1	1	1	1		1		3												7	1	
173. Starvation, privation, etc.																														
174. Absorption of deleterious gases (suicide excepted)	2								1	1																		1	1	
175. Other acute poisonings																														
176. Other external violence	16	2	11				11				1	1		1		1	2											8	8	
Total affections, etc.	72	15	12	1		1	1	15	2	1	2	8	6	4	3	9	9	5	3	1	1	2	1				51	21		
XIV. Ill-defined Diseases.																														
177. Dropsy																														
178. Sudden death	1	1															1											1		
179. Non-specified or ill-defined causes of death	2		2				2																					2		
Total ill-defined diseases	3	1	2				2											1										3		
Total from all causes,	798	58	117	30	23	6	4	160	16	7	15	36	36	36	50	30	48	68	48	43	30	40	30	25	16	8	436	362		

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

[illegible]

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF JUNE, 1909, AND FOR THE CORRESPONDING MONTH IN 1908.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JUNE, 1909.	JUNE, 1908.	JUNE, 1909.	JUNE, 1908.		JUNE, 1909.	JUNE, 1908.	JUNE, 1909.	JUNE, 1908.
Cholera	—	—	—	—	Measles	372	920	4	1
Chicken-pox	65	65	—	—	Scarlatina	140	165	—	—
Cerebro-spinal Meningitis . .	5	10	—	—	Smallpox	—	—	—	—
Diphtheria and Croup . . .	182	228	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal . .					Typhoid fever	33	76	—	—
Tuberculosis	250	207	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected . . .	1,866	Cattle Condemned, 15 and parts, 6,404 lbs.	
Calves " . . .	2,304	Calves " 1	29 "
Sheep " . . .	43	Sheep " —	" "
Hogs " . . .	4,891	Hogs " 27 and parts, 6,499	" "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.	VEGETABLES.
Veal (immature)	77 lbs.	— lbs.	Miscellaneous, 200 bush.
“ (tainted)	322 “		FRUIT.
Poultry	283 “		Pineapples . . 2 doz.
Mutton	84 “		Bananas . . 5 bunches
Beef	716 “		Watermelons 7
Pork	— “		Lemons . . 2½ boxes
			Strawberries 1,007 boxes

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	386
"	" " Wagons	657
"	" brought in by Citizens	24
"	" for bacteriological examination,	468
"	Vinegar	80
"	Butter and Cheese	19
	Total Samples.	1,634

BACTERIOLOGICAL LABORATORY

DIPHTHERIA:	Positive for diagnosis . . .	132	
	Positive for release . . .	313	
	Negative for diagnosis . . .	989	
	Negative for release . . .	452	
	"No growth" cultures . . .	7	1,893
TUBERCULOSIS:	Positive	102	
	Negative	378	
	Unsatisfactory	—	480
TYPHOID:	Positive	11	
	Negative	131	
	Unsatisfactory	1	143

GLANDERS:	Positive	2			
	Negative	9			
	Unsatisfactory	2			13
Other examinations:*	Positive	36			
	Negative	70			
	Unsatisfactory	3			109
BACTERIOLOGICAL MILK EXAMINATIONS					468
Total					<u>3,106</u>

* Rabies, Genito-urinary T. B., Malaria, Gonorrhœa, Ophthalmia, Pneumococci, Influenza, Paratyphoids, T. B. feces, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of June, 1909, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.99	65	48	N.W.	0	Mean Barometer, 29.962.
2	30.02	64	70	S.W.	0	Highest Barometer, 30.28.
3	29.84	73	60	W.	0	Lowest Barometer, 29.69.
4	29.98	62	74	E.	0	Monthly Range of Barometer, .59.
5	29.82	53	98	N.E.	2.43	Mean Temperature, 69.4°.
6	29.97	57	85	E.	.07	Highest Temperature, 84°.
7	30.00	60	78	E.	0	Lowest Temperature, 49°.
8	30.26	60	58	S. E.	0	Monthly Range of Temperature, 45°.
9	30.24	60	64	S.W.	*T	Greatest Daily Range of Temperature, 26°.
10	30.07	56	98	E.	.37	Least Daily Range of Temperature, 3°.
11	29.90	64	86	W.	*T	Mean Daily Range of Temperature, 16.7°.
12	29.98	71	60	W.	0	Mean Daily Dew-point, 56.4.
13	29.98	71	74	S.	.33	Mean Daily Relative Humidity, 67.2.
14	29.83	74	81	S.W.	.45	Prevailing Direction of Wind, W.
15	30.04	72	67	W.	0	Total Movement of Wind, 7,121 miles.
16	30.19	70	58	S.W. & N.W.	0	Highest Velocity of Wind and Direction, 30—N.W.—18.
17	29.97	67	72	S.	0	Number of Foggy Days, none.
18	29.83	62	74	W.	.50	Number of Fair Days, 9.
19	30.08	62	62	W.	0	Number of Clear Days, 10.
20	30.08	72	58	S.W.	0	Number of Cloudy Days, 11.
21	30.00	80	51	W.	0	Total Number of Days on which Rain or Snow fell, 12.
22	29.92	82	48	W.	0	Depth of Unmelted Snow on ground at end of month, none.
23	29.78	81	66	W.	.01	Dates of Auroras, none.
24	29.76	82	68	W.	*T	Dates of Solar Halos, 3, 4, 9, 13, 17.
25	29.80	84	61	W.	0	Thunder Storms, 5, 28.
26	29.94	83	52	W.	0	Dates of Frosts, none.
27	30.08	74	54	E.	0	Mean Maximum Temperature, 77.7.
28	29.89	76	77	W.	.29	Mean Minimum Temperature, 61.0.
29	29.92	73	51	N.W.	0	MEAN TEMPERATURE for this month is
30	29.94	73	60	S.W.	*T	Total Precipitation for this Month in Inches
31						
TOTALS.....	—	—	—	—	4.45	
MEANS.....	29.973	69.4	67.2	W.	—	
						1871 66
						1872 69
						1873 67
						1874 66
						1875 67
						1876 69
						1877 67
						1878 65
						1879 65
						1880 69
						1881 62
						1882 67
						1883 70
						1884 67
						1885 67
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						1891 65
						1892 70
						1893 65
						1894 69
						1895 67
						1896 65
						1897 62
						1898 66
						1899 70
						1900 69
						1901 68
						1902 64
						1903 60
						1904 64
						1905 65
						1906 66
						1907 65
						1908 70
						1909 69

Average mean temperature for 39 years, 66°. Average monthly precipitation for 39 years, 3.04 inches. *T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of July, 1909.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of July, 1909	805.
Population estimated at 622,970.	Rate per 1,000 inhabitants, 15.21.
Deaths of non-residents, 110.	*Corrected rate per 1,000 inhabitants, 13.14.

Total number 805

SEX.

Males 437
Females 368

CONDITION.

Single 421
Married 244
Widowed* 132
Divorced 1
Unknown 7

COLOR.

White 777
Black (Negro or mixed) 26
Indian 1
Chinese 1

Total deaths of children, $\left\{ \begin{array}{l} \text{Under 1 year 188} \\ \text{Under 2 years 226} \\ \text{Under 5 years 257} \end{array} \right.$

NATIVITY.

United States 518
Ireland 143
England 18
Scotland 4
Germany 15
British America 46
Italy 13
Russia 15
Sweden 7
Other Countries 13
Unknown 13

PARENTAGE.

United States 146
Irish 244
English 15
Scotch 8
German 22
British American 45
Italian 46
Russian 34
Swedish 8
Both parents foreign 48
One parent foreign 80
One parent unknown 51
Unknown 58
Still-births during the month 64

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																											SEX.		
	Total Mortality for July, 1909.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.																														
1. Typhoid Fever	8	2								2	1	1	1	1	1	1												4	4	
2. Exanthematous typhus																														
3. Recurrent fever																														
4. Intermittent fever and malarial cachexia																														
(a) Malarial cachexia																														
5. Variola																														
6. Measles	5	1	1	4					5																			3	2	
7. Scarlatina	4	1				1			1	1	1	1																	2	2
8. Whooping cough	3		1	1					2	1																			1	2
9. Diphtheria (and croup)	10	3				1	3	1	5	3		1			1													5	6	
10. Grippe																														
11. Miliary Fever																														
12. Asiatic Cholera																														
13. Cholera nostras																														
14. Dysentery																														
(a) Dysentery, epidemic																														
15. Pest (Plague; bubonic plague)																														
16. Yellow fever																														
17. Leprosy																														
18. Erysipelas	2		1						1						1														2	
19. Other epidemic affections																														
20. Purulent infection and septicemia	1																	1										1		
21. Glanders and farcy																														
22. Malignant pustule and charbon (anthrax)																														
23. Rabies																														
24. Actinomycosis, trichinosis, etc.																														
25. Pellagra																														
26. Tubercle of the larynx																														
27. Tubercle of the lungs	76	6	2	3					5	2	5	8	6	10	7	13	7	3	4	3	1	1	1					30	37	
28. Tubercle of the meninges	6	1		5					5		1																		2	4
29. Tubercle, abdominal	3		2						2	1																			2	1
30. Pott's diseases	1			1					1																				1	
31. Abscess, cold and by congestion																														
32. Tumors, white (white swellings)	2	2							2																				1	1
33. Tubercle of other organs																														
34. Tubercle, generalized	1																1												1	
35. Scrofula																														
36. Syphilis*	5		3						3				2																3	2
(a) Syphilis, hereditary	3		3						3																				2	1
37. Blennorrhagia of the adult																														
38. Gonococcal infections of the child																														
39. Cancer and other malignant tumors of the buccal cavity	5																1	1	1	2								4	1	
40. Cancer and other malignant tumors of the stomach and liver	16	2																5	2	1	3	1	3	1				9	7	
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	9	2											1				1	3	1		1	1	1					5	4	
42. Cancer and other malignant tumors of the genital organs of the female	10	1															2	1	3	1	2	1							10	

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

CAUSES OF DEATH	Total Mortality for July, 1909.		Deaths of non-residents.	AGE.																			SEX.								
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																															
43. Cancer and other malignant tumors of the breast	8														1	1	1		2	1										6	
44. Cancer and other malignant tumors of the skin	1																								1				1		
45. Cancer and other malignant tumors of organs not specified	11	3						1							3	1	1	2		1	2							6	5		
46. Other tumors (tumors of the female genital organs excepted)	2																		1		1								2		
47. Rheumatism, acute, articular	2																		1	1									2		
48. Rheumatism, chronic, and gout.																															
49. Scorbutus																															
50. Diabetes	10				1			1							1			1	3	2	2								5	5	
51. Goitre, exophthalmic																															
52. Addison's disease																															
53. Leukemia	3						1	1						1							1								2	1	
54. Anemia, chlorosis	5		1					1							1		1	2											3	2	
55. Other general diseases																															
56. Alcoholism, acute and chronic	7														1	1	1	2	1		1								6	1	
57. Saturnism	1																	1											1		
58. Other trade intoxications																															
59. Other chronic poisonings																															
Total general diseases	215	24		11	14	2	4	2	33	9	4	9	9	10	15	15	22	17	23	15	9	12	6	5	2				108	107	
II. Diseases of the Nervous System and of the Organs of Sense.																															
60. Encephalitis	1														1														1		
61. Meningitis, simple	4				1		2	3												1									2	2	
61a. Meningitis, epidemic cerebro-spinal	3					1		1		1			1																1	2	
62. Locomotor ataxia, progressive	1																				1								1		
63. Other diseases of the spinal cord	5		1			1		2		1												1		1					4	1	
64. Cerebral congestion and hemorrhage	44	4	1	1				2			1		2		3	1	5	2	8	5	4	5	5	1					22	22	
65. Cerebral softening																															
66. Paralysis, without cause assigned	3																		1	1		1							1	2	
67. General paralysis	3	1													1	1		1											2	1	
68. Other forms of mental alienation	2										1						1												1	1	
69. Epilepsy	2		2					2																						2	
70. Eclampsia (non-puerperal)	1									1																				1	
71. Convulsions of children	5		4	1				5																						2	3
72. Tetanus																															
73. Chorea																															
74. Other diseases of the nervous system	2											1		1															1	1	
75. Diseases of the eye and appendages																															
76. Diseases of the ear	1																1												1		
Total of the nervous system, etc.,	77	5	8	2	1	2	2	15	1	2	2		2	3	2	5	2	7	3	10	7	4	6	5	1				41	36	
III. Diseases of the Circulatory Apparatus.																															
77. Pericarditis																															
78. Endocarditis, acute	11	1	1					1				1		1	2	1	2	1		2									6	5	
79. Organic diseases of the heart	60	8						1		1	2	2	2	1	3	9	2	6	8	5	6	6	5		1				33	27	

CAUSES OF DEATH.

CAUSES OF DEATH.

Total Mortality, for
July, 1922,
of
non-residents.

AGE.

SEX.

Under 1 year.
1 year and under 2 years.
2 years and under 3 years.
3 years and under 4 years.
4 years and under 5 years.
Total under 5 years.
5 years and under 10 years.
10 years and under 15 years.
15 years and under 20 years.
20 years and under 25 years.
25 years and under 30 years.
30 years and under 35 years.
35 years and under 40 years.
40 years and under 45 years.
45 years and under 50 years.
50 years and under 55 years.
55 years and under 60 years.
60 years and under 65 years.
65 years and under 70 years.
70 years and under 75 years.
75 years and under 80 years.
80 years and under 85 years.
85 years and under 90 years.
90 years and over.

Males.

Females.

III. Diseases of the Circulatory Apparatus.—Concluded.

80. Angina pectoris	2	1														1	1								2	
81. Diseases of the arteries (atheroma, aneurism, etc.)	8													1		1	1	2		2	1	1			1	
82. Embolism and thrombosis	4														1		1		2						3	1
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																										
84. Diseases of the lymphatic system (lymphangitis, etc.)																										
85. Hemorrhages	1	1				1																				1
86. Other diseases of the circulatory apparatus																										
Total of circulatory apparatus	86	10	2			2	1		1	3	2	3	3	4	13	3	6	13	5	8	10	5	2	2	45	41

IV. Diseases of the Respiratory Apparatus.

87. Diseases of the nasal fossae																										
88. Diseases of the larynx																										
89. Diseases of the thyroid body																										
90. Bronchitis, acute																										
91. Bronchitis, chronic	3	1				1												1	1						1	2
92. Broncho-pneumonia	13	3	4	1	2	2	9	1					1		1					1					8	5
93. Pneumonia	36	2	6	2	2	2	12	1			1	1	2	4	2		3	1	2	3	2	2			33	13
94. Pleurisy	4	1		1	1	2				1								1							3	
95. Pulmonary congestion and apoplexy	3	1													1			1	1						1	2
96. Gangrene of the lung	1											1													1	
97. Asthma																										
98. Emphysema, pulmonary																										
99. Other diseases of the respiratory apparatus (phthisis excepted)	3	1										1	1	1											2	1
Total respiratory apparatus	63	8	11	4	4	5	24	2		1	1	2	5	5	4		3	3	4	3	3	3			39	24

V. Diseases of the Digestive Apparatus.

100. Diseases of the mouth and its adnexa, excepted)																										
101. Diseases of the pharynx	1																		1							
102. Diseases of the esophagus																										
103. Ulcer of the stomach	5	1										1	1	1		1			1						3	2
104. Other diseases of the stomach (cancer excepted)	9		2	3			5									1		1			1	1			5	4
105. Diarrhoea and enteritis (under two years)	90	11	83	7			90																		50	40
(a) Diarrhoea and enteritis, chronic (under two years)	6	2	6				6																		3	3
106. Diarrhoea and enteritis (two years and over)	11	4			2	2	4							1	1	2		1	1			1			6	5
107. Parasites, intestinal																										
108. Hernia, intestinal obstructions	7	1		1			1							1		2	2				1				2	5
109. Other disease of the intestines	3	1		1			1							2												3
110. Acute yellow atrophy of the liver	1																				1					1
111. Hydatid tumors of the liver																										
112. Cirrhosis of the liver	7											1	1	3	1				1						6	1
113. Biliary calculi	2													1					1						1	1
114. Other diseases of the liver	6	2											1	2	1		1				1				2	4
115. Diseases of the spleen																										
116. Peritonitis, simple (puerperal excepted),																										

CAUSES OF DEATH.

CAUSES OF DEATH.		Total Mortality for July, 1907.		AGE.																				SEX.							
		Deaths of non-residents.	Residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
V. Diseases of the Digestive Apparatus.																															
—Concluded.																															
117.	Other diseases of the digestive apparatus (cancer and tubercle excepted),																														
118.	Appendicitis and abscess of the iliac fossa	12	7		1			1	2	2	2				3	1			1	1										7	
	Total digestive apparatus	154	27	85	13	2	2	1	103	2	2			4	4	6	8	2	8	2	3	5		2	3				82	72	
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																															
119.	Nephritis, acute	9	1		1				1					1	1			1	1		2		1	1						5	4
120.	Bright's disease	½	2		2				2					1		4	7	4	4	2	2	4	3	1	3	1			18	20	
121.	Other diseases of the kidneys and their adnexa	3	1									1				1	1												2	1	
122.	Calculi of the urinary tract	1	1																			1							1		
123.	Diseases of the bladder																														
124.	Diseases of the urethra, urinary abscess, etc.,	1															1												1		
125.	Diseases of the prostate	2	2																			1	1						2		
126.	Non-venereal diseases of the male genital organs																														
127.	Metritis																														
128.	Hemorrhage, uterine, non-puerperal																														
129.	Tumor, uterine, non-cancerous	1																1											1		
130.	Other diseases of the uterus																														
131.	Cysts and other tumors of the ovary																														
132.	Other diseases of the female genital organs	3	2										2									1							3		
133.	Diseases of the breast, non-puerperal (cancer excepted)																														
	Total of genito-urinary	58	9		3				3				1	4	1	5	11	5	4	4	2	8	5	1	3	1			29	29	
VII. Puerperal State.																															
134.	Accidents of pregnancy	1												1															1		
135.	Hemorrhage, puerperal	1									1																		1		
136.	Other accidents of labor																														
137.	Septicemia, puerperal																														
138.	Albuminuria and puerperal eclampsia,	5	1									1	1	2	1														6		
139.	Phlegmasia alba dolens, puerperal																														
140.	Other puerperal accidents—sudden death																														
141.	Puerperal diseases of the breast																														
	Total puerperal	7	1										2	2	2	1													7		
VIII. Diseases of the Skin and Cellular Tissue.																															
142.	Gangrene	2															1					1							1	1	
143.	Furuncle (carbuncle)	1																	1										1		
144.	Phlegmon, acute abscess	2		1					1		1																		1	1	
145.	Other diseases of the skin and its adnexa																														
	Total skin tissue	5		1					1		1						1		1			1							3	2	
IX. Diseases of the Organs of Locomotion.																															
146.	Diseases of the bones (non-tuberculous),	5	2	2	1				3							2													8	2	
147.	Arthritis and other diseases of the articulations (tubercle and rheumatism excepted)																														
148.	Amputation																														

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

	Total Monthly for July, 1902.	Deaths of non-residents.	AGE.																				SEX.							
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
IX. Diseases of the Organs of Locomotion.—Concluded.																														
149. Other diseases of the organs of locomotion																														
Total organs, locomotion	3	2	2	1			3								2												3	2		
X. Malformations.																														
150. Malformations, congenital (still-births excepted)	9	1	9				9																				5	4		
XI. Early Infancy.																														
151. Congenital debility, icterus and sclerema	34	2	34				34																				17	17		
152. Other diseases appertaining to infancy,	2		2				2																					2		
153. Lack of care	1	1	1				1																				1			
Total early Infancy	37	3	37				37																				18	19		
XII. Old Age.																														
154. Senile debility																														
XIII. Affections Produced by External Causes.																														
155. Suicide by poison	3	1													1		1			1							3			
156. Suicide by asphyxia																														
157. Suicide by hanging or strangulation	1																1										1			
158. Suicide by submersion																														
159. Suicide by firearms	2	1															1	1									2			
160. Suicide by cutting instruments	1	1													1												1			
161. Suicide by jumping from high places																														
162. Suicide by crushing	1												1														1			
163. Other suicides																														
164. Fractures	11	2					3		1		2								2	1		1	1				8	3		
165. Luxations	1													1													1			
166. Other accidental traumatism	18	5		1	1		2	2		1		2	2	1	2	1	1	1	1	1	2						15	3		
167. Burns and scalds	10	2			1	2	8	3				1			1					1	1						2	8		
168. Burns by corrosive substances																														
169. Insolation	2	1																			1				1		1	1		
170. Freezing																														
171. Electrical disturbances																														
172. Accidental submersion	7	2						2		1	1			1	2												7			
173. Starvation, privation, etc.	1	1	1				1																				1			
174. Absorption of deleterious gases (suicide excepted)	2														2												2			
175. Other acute poisonings	1													1													1			
176. Other external violence	15	3	9				9				2	1	2							1							10	5		
Total affections, etc.	76	19	10	1	1	3	15	10		2	4	5	6	6	7	2	3	2	4	5	2	1	1	1			56	21		
XIV. Ill-defined Diseases.																														
177. Dropsy																														
178. Sudden death																														
179. Non-specified or ill-defined causes of death	13	1	12				12								1												9	4		
Total ill-defined diseases	13	1	12				12								1												9	4		
Total from all causes,	305	110	188	28	10	16	5	257	25	8	15	20	30	36	45	64	45	49	35	44	47	28	28	22	5	2	437	368		

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Date of death.		Additional deaths.		AGE.																				SEX.	
	1909.		Deaths of non-residents.		AGE.																Color.	Condition.	Nativity.	Parentage.	Males.	Females.
					Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.						
56. Alcoholism, acute and chronic	June	1															1				White	Unknown	Unknown	Unknown	1	
167. Burns and scalds	Feb.	1	1			1					1										White	Single	U. S.	U. S.	1	
172. Accidental submerision	June	1																1			White	Unknown	Unknown	Unknown	1	

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JULY, 1909, AND FOR THE CORRESPONDING MONTH IN 1908.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JULY, 1909.	JULY, 1908.	JULY, 1909.	JULY, 1908.		JULY, 1909.	JULY, 1908.	JULY, 1909.	JULY, 1908.
Cholera	—	—	—	—	Measles	177	305	4	—
Chicken-pox	20	25	1	—	Scarlatina	70	125	—	—
Cerebro-spinal Meningitis	8	7	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	142	232	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	34	98	—	—
Tuberculosis	235	209	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,051	Cattle Condemed, 17,	5,100 lbs.
Calves "	1,592	Calves "	1, 35 "
Sheep "	71	Sheep "	— "
Hogs "	3,777	Hogs "	22 and parts, 5,442 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	409
" "	" " Wagons	630
" "	" brought in by Citizens	29
" "	" for bacteriological examination,	479
" "	Vinegar	73
" "	Butter and Cheese	3
Total Samples,		1,623

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	EGGS.	VEGETABLES.
Veal (immature) 62 lbs.	47 lbs.	Miscellaneous, 55 bush.
" (tainted) 280 "		Fruit 2½ "
Poultry " 761½ "		Cantaloups 1 doz.

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	124
	Positive for release	96
	Negative for diagnosis	870
	Negative for release	245
	"No growth" cultures	8 1,343
TUBERCULOSIS:	Positive	89
	Negative	252
	Unsatisfactory	— 341
TYPHOID:	Positive	16
	Negative	140
	Unsatisfactory	6 162

GLANDERS:	Positive	6
	Negative	5
	Unsatisfactory	8 19
Other examinations: *	Positive	35
	Negative	91
	Unsatisfactory	3 129
BACTERIOLOGICAL MILK EXAMINATIONS		479
Total		2,473

* Gonorrhoea, Ophthalmia, Malaria, Pneumococci, Influenza, Paratyphoids, Actinomycosis, B. Coll, Conrad tests, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of July, 1909, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.65	76	62	W.	*T	Mean Barometer, 29.707.
2	29.70	69	62	N.W.	*T	Highest Barometer, 30.27.
3	29.47	67	80	W.	.30	Lowest Barometer, 29.40.
4	29.74	64	59	N.W.	*T	Monthly Range of Barometer, .87.
5	29.98	67	50	W.	0	Mean Temperature, 71.5°.
6	29.40	68	64	W.	*T	Highest Temperature, 95°.
7	29.96	64	56	E.	0	Lowest Temperature, 53°.
8	29.84	68	49	N.W.	0	Monthly Range of Temperature, 42°.
9	30.05	62	55	N.W.	0	Greatest Daily Range of Temperature, 27°.
10	30.16	68	60	S.W.	0	Least Daily Range of Temperature, 8°.
11	30.09	71	73	S.W.	0	Mean Daily Range of Temperature, 17.4°.
12	29.89	74	85	S.W.	*T	Mean Daily Dew-point, 57.8.
13	29.70	81	62	W.	0	Mean Daily Relative Humidity, 66.8.
14	29.90	77	60	W.	0	Prevailing Direction of Wind, W. —
15	30.00	78	56	E.	0	Total Movement of Wind, 7,170 miles.
16	29.83	76	88	S. & S.W.	.31	Highest Velocity of Wind and Direction, 32 — N.
17	29.80	74	66	W.	*T	Number of Foggy Days, none. Number of Fair Days, 18.
18	29.81	72	73	W. & S.W.	.39	Number of Clear Days, 8. Number of Cloudy Days, 5.
19	29.84	66	70	N.W.	.04	Total Number of Days on which Rain or Snow fell, 5.
20	30.16	65	64	E.	0	Depth of Unmelted Snow on ground at end of month, none.
21	30.23	63	78	E.	0	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.08	66	80	S.	0	Dates of Solar Halos, 12, 27. Thunder Storms, 3, 16, 18.
23	29.86	66	90	S. E.	.03	Dates of Frosts, none.
24	29.82	72	89	S.W.	0	Mean Maximum Temperature, 80.2. Mean Minimum Temperature, 62.8.
25	29.96	70	67	W.	0	MEAN TEMPERATURE for this month is
26	30.12	74	63	W.	0	Total Precipitation for this Month in inches
27	30.08	77	64	S.W.	0	1871 71 1871 3.22
28	30.14	80	62	S.W.	0	1872 76 1872 4.00
29	30.00	80	62	S.W.	0	1873 73 1873 3.84
30	29.74	84	76	W.	*T	1874 73 1874 3.47
31	29.86	74	5	W.	0	1875 72 1875 3.83
						1876 74 1876 5.86
						1877 71 1877 2.27
						1878 74 1878 4.58
						1879 71 1879 3.09
						1880 72 1880 6.86
						1881 70 1881 2.96
						1882 73 1882 3.91
						1883 72 1883 2.73
						1884 69 1884 4.25
						1885 72 1885 1.44
						1886 71 1886 1.81
						1887 75 1887 3.59
						1888 69 1888 1.79
						1889 69 1889 5.80
						1890 71 1890 1.93
						1891 69 1891 3.73
						1892 73 1892 2.56
						1893 71 1893 1.72
						1894 74 1894 3.09
						1895 69 1895 2.98
						1896 72 1896 2.90
						1897 72 1897 4.22
						1898 72 1898 4.42
						1899 73 1899 2.52
						1900 74 1900 2.69
						1901 73 1901 5.20
						1902 68 1902 2.88
						1903 71 1903 2.69
						1904 71 1904 1.23
						1905 73 1905 1.00
						1906 70 1906 5.38
						1907 72 1907 1.09
						1908 74 1908 3.17
						1909 72 1909 0.97
TOTALS	—	—	—	—	0.97	
MEANS	29.916	71.5	66.8	W.	—	

Average mean temperature for 39 years, 72°. Average monthly precipitation for 39 years, 3.23 inches. *T Indicates trace of precipitation.

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HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of August, 1909.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of August, 1909	908.
Population estimated at 622,970.	Rate per 1,000 inhabitants, 17.16.
Deaths of non-residents, 128.	*Corrected rate per 1,000 inhabitants, 14.74.

Total number 908

SEX.

Males	508
Females	400

CONDITION.

Single	552
Married	237
Widowed	107
Divorced	3
Unknown	9

COLOR.

White	885
Black (Negro or mixed)	21
Chinese	2

Total deaths of children,	{ Under 1 year	313
	{ Under 2 years	349
	{ Under 5 years	386

NATIVITY.

United States	629
Ireland	119
England	20
Scotland	7
Germany	11
British America	56
Italy	19
Russia	15
Sweden	6
Other Countries	13
Unknown	13

PARENTAGE.

United States	185
Irish	235
English	15
Scotch	6
German	12
British American	59
Italian	67
Russian	51
Swedish	9
Both parents foreign	52
One parent foreign	90
One parent unknown	69
Unknown	58
Still-births during the month	53

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for August, 1909.		Deaths of non-residents.		AGE.																					SEX.			
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
I. General Diseases.																													
1. Typhoid Fever	8	1		1		1	1		1	2	1	1			1											5	3		
2. Exanthematous typhus																													
3. Recurrent fever																													
4. Intermittent fever and malarial cachexia																													
(a) Malarial cachexia																													
5. Variola																													
6. Measles	2	1	1			2																				1	1		
7. Scarlatina	1		1			1																					1		
8. Whooping cough	2	1	1			2																				2			
9. Diphtheria (and croup)	6	1				1	4					1														1	5		
10. Grippe																													
11. Miliary Fever																													
12. Asiatic Cholera																													
13. Cholera nostraa	1																				1					1			
14. Dysentery	5	1			1	2															2			1			5		
(a) Dysentery, epidemic*																													
15. Pest (Plague; bubonic plague)																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	3	1	2			2							1													1	2		
19. Other epidemic affections																													
20. Purulent infection and septicemia	5	2	2			2						1			1	1										4	1		
21. Glanders and farcy																													
22. Malignant pustule and charbon (anthrax)																													
23. Rabies																													
24. Actinomycosis, trichinosis, etc.																													
25. Pellagra																													
26. Tubercle of the larynx	1																				1					1			
27. Tubercle of the lungs	83	7	2	1		3	1		6	6	12	16	6	11	4	5	3	3	2	3	2					56	27		
28. Tubercle of the meninges	9	1	2	1	1	1	5	3					1													3	6		
29. Tubercle, abdominal	2	1		1	1	2																				1	1		
30. Pott's diseases	3				1	1	1													1						3			
31. Abscess, cold and by congestion																													
32. Tumors, white (white swellings)	2		1			1		1																			2		
33. Tubercle of other organs	1														1											1			
34. Tubercle, generalized																													
35. Scrofula																													
36. Syphilis	6		4			4									1	1										6			
(a) Syphilis, hereditary	4		4			4																				4			
37. Blennorrhagia of the adult																													
38. Gonococcal infections of the child																													
39. Cancer and other malignant tumors of the buccal cavity	1																		1							1			
40. Cancer and other malignant tumors of the stomach and liver	18	1													2	5	1	3	2	3	2					9	9		
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	9	2										1	2	2					1	2		1				3	6		
42. Cancer and other malignant tumors of the genital organs of the female	8	1												2	1	1	1		2			1							

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for August, 1900. Deaths of non-residents.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																													
43. Cancer and other malignant tumors of the breast	4													1		3													
44. Cancer and other malignant tumors of the skin	3 1																2							1		1			
45. Cancer and other malignant tumors of organs not specified	10 1													1		1	1	2	3	2							3	7	
46. Other tumors (tumors of the female genital organs excepted)																													
47. Rheumatism, acute, articular	2					1	1										1										1	1	
48. Rheumatism, chronic, and gout.																													
49. Scorbatus	1 1													1													1		
50. Diabetes	2																1			1							2		
51. Goltre, exophthalmic	1													1													1		
52. Addison's disease																													
53. Leukemia	2 1								1								1										2		
54. Anemia, chlorosis	1 1																1									1			
55. Other general diseases																													
56. Alcoholism, acute and chronic	6 1													1	2	1		2									4	2	
57. Saturnism																													
58. Other trade intoxications																													
59. Other chronic poisonings	1 1																							1			1		
Total general diseases	209 24	16	4	6	2	2	30	11	1	7	8	15	21	10	19	11	21	6	17	10	10	8	2	1	1	109	100		
II. Diseases of the Nervous System and of the Organs of Sense.																													
60. Encephalitis																													
61. Meningitis, simple	7	3	1				4	2											1							5	2		
61a. Meningitis, epidemic cerebro-spinal	6	1	1				1	3		1			1	1												1	5		
62. Locomotor ataxia, progressive	1													1													1		
63. Other diseases of the spinal cord	9 3			1		2	3	1		1	1	1			1		1									5	4		
64. Cerebral congestion and hemorrhage	27 2															4	6		2	4	4	4	3			15	12		
65. Cerebral softening	1 1																			1						1			
66. Paralysis, without cause assigned	3																		1	1	1					1	2		
67. General paralysis	4 1														1	1	1					1				2	2		
68. Other forms of mental alienation	1														1												1		
69. Epilepsy	1																							1			1		
70. Eclampsia (non-puerperal)																													
71. Convulsions of children	2 1 2						2																				1	1	
72. Tetanus																													
73. Chorea																													
74. Other diseases of the nervous system	5 1 2						2		1						1	1										4	1		
75. Diseases of the eye and appendages	1 1 1						1																			1			
76. Diseases of the ear	1 1 1						1																				1		
Total of the nervous system, etc.,	69 11	10	2	1			3	16	3	2	1	1	2	2	1	4	5	8		3	6	6	6	3		35	34		
III. Diseases of the Circulatory Apparatus.																													
77. Pericarditis	1														1												1		
78. Endocarditis, acute	16 2							1	1	1			3	1		2		1	4	1		1				9	7		
79. Organic diseases of the heart	62 6					1	1		3	1	1		2	3	2	5	6	1	8	10	11	4	3	1		30	23		

CAUSES OF DEATH

		AGE.																SEX.	
CAUSES OF DEATH		Total Mortality for August, 1906.	Deaths of non-residents.															Males.	Females.
		Under 1 year.	1 years and under 2 years.	2 years and under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and over.			
III. Diseases of the Circulatory Apparatus.—Concluded.																			
80.	Angina pectoris	3												1	2			2	
81.	Diseases of the arteries (atheroma, aneurism, etc.)	13											2	2	2	4	1	2	
82.	Embolism and thrombosis	6	1			1						1	1	3			3	3	
83.	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																		
84.	Diseases of the lymphatic system (lymphangitis, etc.)																		
85.	Hemorrhages																		
86.	Other diseases of the circulatory apparatus																		
Total of circulatory apparatus		101	8	1		1	2		4	2	2		5	5	2	7	5	42	
IV. Diseases of the Respiratory Apparatus.																			
87.	Diseases of the nasal fossae																		
88.	Diseases of the larynx																		
89.	Diseases of the thyroid body																		
90.	Bronchitis, acute	2	1	1		2											1	1	
91.	Bronchitis, chronic	3														2		2	
92.	Broncho-pneumonia	12	2	5	1		6			1		1	1	1	2		8	4	
93.	Pneumonia	31	2	5	2	1	8	1		1	1	3	3	1	2	4	1	3	
94.	Pleurisy	2	2				1	1										2	
95.	Pulmonary congestion and apoplexy	2	1	1		1						1						1	
96.	Gangrene of the lung																		
97.	Asthma																		
98.	Emphysema, pulmonary																		
99.	Other diseases of the respiratory apparatus (phthisis excepted)	3	1	1	1		2	1										2	
Total respiratory apparatus		55	8	13	4	1	1	19	2	1	1	1	1	1	3	5	2	3	
V. Diseases of the Digestive Apparatus.																			
100.	Diseases of the mouth and its adnexa,	2		1	1		2											2	
101.	Diseases of the pharynx																		
102.	Diseases of the esophagus																		
103.	Ulcer of the stomach	5								1		1	1	1	1			5	
104.	Other diseases of the stomach (cancer excepted)	8		5	1	1		7			1							6	
105.	Diarrhea and enteritis (under two years)	199	33	179	20		199											167	
(a)	Diarrhea and enteritis, chronic (under two years)	18	3	17	1		18											10	
106.	Diarrhea and enteritis (two years and over)	23	4		8	2	10			2	2	1		2	1	4	1	13	
107.	Parasites, intestinal																		
108.	Hernia, intestinal obstructions	7	3	2			2		1	1				1	2			4	
109.	Other diseases of the intestines	1														1		1	
110.	Acute yellow atrophy of the liver																		
111.	Hydatid tumors of the liver																		
112.	Cirrhosis of the liver	4		1		1						1	1	1				1	
113.	Biliary calculi	1	1											1				1	
114.	Other diseases of the liver	2							1							1		1	
115.	Diseases of the spleen																		
116.	Peritonitis, simple (puerperal excepted),	2	2			1				1								1	

	AGE.																		SEX.										
																			Males.	Females.									
V. Diseases of the Digestive Apparatus. —Concluded.																													
117. Other diseases of the digestive apparatus (cancer and tubercle excepted),																													
118. Appendicitis and abscess of the iliac fossa	14	6				1	1	2	1			1	2							9	5								
Total digestive apparatus	208	49	186	23	10	3	1	223	2		2	2	5	5	3	1	1	2	6	4	6	4	2			149	119		
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																													
119. Nephritis, acute	3	1											1	1		1										3			
120. Bright's disease	32	1										1		2	3	3	1	2	7	7	2	1	3			12	20		
121. Other diseases of the kidneys and their adnexa	1																				1					1			
122. Calculi of the urinary tract	1	1									1																1		
123. Diseases of the bladder	2																	1						1		1	1		
124. Diseases of the urethra, urinary abscess, etc.																								1		1	1		
125. Diseases of the prostate	1																				1					1			
126. Non-venereal diseases of the male genital organs																													
127. Metritis																													
128. Hemorrhage, uterine, non-puerperal																													
129. Tumor, uterine, non-cancerous	3	2											1		2												3		
130. Other diseases of the uterus	1	1													1												1		
131. Cysts and other tumors of the ovary	1												1																
132. Other diseases of the female genital organs	3									1		1		1													3		
133. Diseases of the breast, non-puerperal (cancer excepted)																													
Total genito-urinary	48	6										2	1	4	3	7	4	2	2	7	7	4	1	4			18	30	
VII. Puerperal State.																													
134. Accidents of pregnancy																													
135. Hemorrhage, puerperal																													
136. Other accidents of labor	1										1																1		
137. Septicemia, puerperal	3	1									2	1															3		
138. Albuminuria and puerperal eclampsia,	3	1									1	1		1													3		
139. Phlegmasia alba dolens, puerperal																													
140. Other puerperal accidents—sudden death	1												1														1		
141. Puerperal diseases of the breast																													
Total puerperal	8	2										4	2		1	1											8		
VIII. Diseases of the Skin and Cellular Tissue.																													
142. Gangrene	1																				1						1		
143. Furuncle (carbuncle																													

AGE.		SEX.
Twice Mortality, 1901	Deaths of non-residents, 1895	
Under 1 year.		
1 year and under 2 years	2 years and under 3 years	
3 years and under 4 years	4 years and under 5 years	
5 years and under 6 years	6 years and under 7 years	
7 years and under 8 years	8 years and under 9 years	
9 years and under 10 years	10 years and under 11 years	
11 years and under 12 years	12 years and under 13 years	
13 years and under 14 years	14 years and under 15 years	
15 years and under 16 years	16 years and under 17 years	
17 years and under 18 years	18 years and under 19 years	
19 years and under 20 years	20 years and under 21 years	
21 years and under 22 years	22 years and under 23 years	
23 years and under 24 years	24 years and under 25 years	
25 years and under 26 years	26 years and under 27 years	
27 years and under 28 years	28 years and under 29 years	
29 years and under 30 years	30 years and under 31 years	
31 years and under 32 years	32 years and under 33 years	
33 years and under 34 years	34 years and under 35 years	
35 years and under 36 years	36 years and under 37 years	
37 years and under 38 years	38 years and under 39 years	
39 years and under 40 years	40 years and under 41 years	
41 years and under 42 years	42 years and under 43 years	
43 years and under 44 years	44 years and under 45 years	
45 years and under 46 years	46 years and under 47 years	
47 years and under 48 years	48 years and under 49 years	
49 years and under 50 years	50 years and under 51 years	
51 years and under 52 years	52 years and under 53 years	
53 years and under 54 years	54 years and under 55 years	
55 years and under 56 years	56 years and under 57 years	
57 years and under 58 years	58 years and under 59 years	
59 years and under 60 years	60 years and under 61 years	
61 years and under 62 years	62 years and under 63 years	
63 years and under 64 years	64 years and under 65 years	
65 years and under 66 years	66 years and under 67 years	
67 years and under 68 years	68 years and under 69 years	
69 years and under 70 years	70 years and under 71 years	
71 years and under 72 years	72 years and under 73 years	
73 years and under 74 years	74 years and under 75 years	
75 years and under 76 years	76 years and under 77 years	
77 years and under 78 years	78 years and under 79 years	
79 years and under 80 years	80 years and under 81 years	
81 years and under 82 years	82 years and under 83 years	
83 years and under 84 years	84 years and under 85 years	
85 years and under 86 years	86 years and under 87 years	
87 years and under 88 years	88 years and under 89 years	
89 years and under 90 years	90 years and under 91 years	
91 years and under 92 years	92 years and under 93 years	
93 years and under 94 years	94 years and under 95 years	
95 years and under 96 years	96 years and under 97 years	
97 years and under 98 years	98 years and under 99 years	
99 years and under 100 years	100 years and over	
Total under 5 years.		
5 years and under 10 years.		
10 years and under 15 years.		
15 years and under 20 years.		
20 years and under 25 years.		
25 years and under 30 years.		
30 years and under 35 years.		
35 years and under 40 years.		
40 years and under 45 years.		
45 years and under 50 years.		
50 years and under 55 years.		
55 years and under 60 years.		
60 years and under 65 years.		
65 years and under 70 years.		
70 years and under 75 years.		
75 years and under 80 years.		
80 years and under 85 years.		
85 years and under 90 years.		
90 years and under 95 years.		
95 years and under 100 years.		
100 years and over.		
Males.		
Females.		

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																												SEX.	
	Total Mortality for August, 1906.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
IX. Diseases of the Organs of Locomotion.—Concluded.																														
149. Other diseases of the organs of locomotion																														
Total organs, locomotion	3	3							1	1					1													3		
X. Malformations.																														
150. Malformations, congenital (still-births excepted)	12		12					12																				11	1	
XI. Early Infancy.																														
151. Congenital debility, icterus and sclerema	50	4	50					50																				25	25	
152. Other diseases appertaining to infancy	2		2					2																				2		
153. Lack of care	1		1					1																				1		
Total early infancy	53	4	53					53																				27	26	
XII. Old Age.																														
154. Senile debility	3																				1				1	1		1	2	
XIII. Affections Produced by External Causes.																														
155. Suicide by poison	1								1																			1		
156. Suicide by asphyxia																														
157. Suicide by hanging or strangulation																														
158. Suicide by submersion																														
159. Suicide by firearms	3	1							1			1	1															3		
160. Suicide by cutting instruments	1																						1					1		
161. Suicide by jumping from high places																														
162. Suicide by crushing	5																													
163. Other suicides																														
164. Fractures	7	1							2	1		1	2						1									6	1	
165. Luxations																														
166. Other accidental traumatism	19	6	1		1		1	3	2		1	1		3	2	4	2			1								17	2	
167. Burns and scalds	6		1				1	2	1		1	1				1												5	1	
168. Burns by corrosive substances	1		1					1																				1		
169. Insolation																														
170. Freezing																														
171. Electrical disturbances	1								1																			1		
172. Accidental submersion	6	2							1	1	1	1		1			1											6		
173. Starvation, privation, etc.	1		1					1																				1		
174. Absorption of deleterious gases (suicide excepted)	2								1					1														1	1	
175. Other acute poisonings	2		1					1	1																			1	1	
176. Other external violence	7	1	6					6								1												5	2	
Total affections, etc.	57	11	8	3	1		2	14	6	3	4	5	2	2	6	3	6	3		1	1		1					46	11	
XIV. Ill-defined Diseases.																														
177. Dropsy																														
178. Sudden death	2		2					2																				1	1	
179. Non-specified or ill-defined causes of death	17	2	12			2		14			1				1	1												10	7	
Total ill-defined diseases	19	2	14			2		16			1				1	1												11	8	
Total from all causes,	908	128	815	38	19	9	9	886	25	12	17	25	29	40	31	41	40	45	22	50	50	41	25	19	7	3	308	400		

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	1909.		Date of death.		Additional deaths.		Deaths of non-residents.		AGE.																SEX.						
	May	1	1	1	1	1	1	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	Color.	Condition.	Nativity.	Parentage.	Male.	Females.	
151. Congenital Debility													1													White	Single	U. S.	Unknown	1	

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF AUGUST, 1909, AND FOR THE CORRESPONDING MONTH IN 1908.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	August, 1909.	August, 1908.	August, 1909.	August, 1908.		August, 1909.	August, 1908.	August, 1909.	August, 1908.
Cholera	—	—	—	—	Measles	63	56	—	—
Chicken-pox	11	15	—	—	Scarlatina	80	119	—	—
Cerebro-spinal Meningitis	9	4	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	139	174	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	74	127	—	—
Tuberculosis	265	189	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,642	Cattle Condemned, 24,	7,370 lbs.
Calves "	2,116	Calves "	1, 32 "
Sheep "	257	Sheep "	— " "
Hogs "	4,016	Hogs "	7 and parts, 2,032 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.	VEGETABLES.
Veal (immature)	125 lbs.	*350 lbs.	Miscellaneous, 3 bush.
" (tainted)	419 "		Fruit 2 "
Poultry "	102 "		
Mutton "	400 "		
Beef "	144 "		
Pork "	100 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	431
" "	" " Wagons	642
" "	" brought in by Citizens	85
" "	" for bacteriological examination,	464
" "	Vinegar	55
" "	Butter and Cheese	5
Total Samples,		1,682

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	74
	Positive for release	65
	Negative for diagnosis	478
	Negative for release	127
	"No growth" cultures	16 . 760
TUBERCULOSIS:	Positive	67
	Negative	227
	Unsatisfactory	1 . 295
TYPHOID:	Positive	36
	Negative	203
	Unsatisfactory	5 . 244

GLANDERS:	Positive	7
	Negative	5
	Unsatisfactory	1 . 18
Other examinations:	* Positive	25
	Negative	81
	Unsatisfactory	3 . 109
BACTERIOLOGICAL MILK EXAMINATIONS		464
Total		1,885

* Gonorrhoea, Ophthalmia, Malaria, Pneumococci, Tubercle Bacilli, Meningo Coccii, Organisms, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of August, 1909, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.10	69	56	E.	0	Mean Barometer, 30.013.
2	30.28	68	64	E.	0	Highest Barometer, 30.39.
3	30.36	68	67	E.	0	Lowest Barometer, 29.45.
4	30.31	66	75	E.	.04	Monthly Range of Barometer, .94.
5	30.00	64	96	E.	.76	Mean Temperature, 69.4°.
6	30.03	66	84	N.	.05	Highest Temperature, 94°.
7	30.08	72	70	E.	0	Lowest Temperature, 50°.
8	30.02	82	60	W.	0	Monthly Range of Temperature, 44°.
9	29.80	82	63	W.	0	Greatest Daily Range of Temperature, 26°.
10	29.85	70	52	N.W.	0	Least Daily Range of Temperature, 6°.
11	30.08	68	45	N.	0	Mean Daily Range of Temperature, 15.0°.
12	30.11	70	48	W.	0	Mean Daily Dew-point, 58.0.
13	30.14	68	66	S. E.	*T	Mean Daily Relative Humidity, 70.2.
14	30.21	66	81	E.	0	Prevailing Direction of Wind, W.
15	30.14	64	76	E.	0	Total Movement of Wind, 6,859 miles.
16	29.94	65	69	S. E.	.01	Highest Velocity of Wind and Direction, 33 — N. E.
17	29.66	60	94	N. E.	1.92	Number of Foggy Days, none.
18	29.46	63	90	W.	.34	Number of Fair Days, 12.
19	29.59	72	72	W.	0	Number of Clear Days, 12.
20	29.82	76	68	W.	.07	Total Number of Days on which Rain or Snow fell, 8.
21	30.12	67	70	E. & N.W.	0	Depth of Unmelted Snow on ground at end of month, none.
22	30.25	64	68	N.	0	Dates of Auroras, 9.
23	30.12	70	64	W.	*T	Dates of Lunar Halos, none.
24	30.18	71	65	E.	0	Dates of Solar Halos, none.
25	30.02	80	72	S.W.	0	Thunder Storms, 20, 29.
26	29.84	82	72	W.	*T	Dates of Frosts, none.
27	29.94	72	66	N.W.	0	Mean Maximum Temperature, 76.9.
28	30.02	73	70	W.	0	Mean Minimum Temperature, 61.9.
29	29.90	72	82	S.W.	.36	MEAN TEMPERATURE for this month in
30	30.20	63	64	N.W.	0	Total
31	30.22	59	72	S. E.	0	Mean
TOTALS	—	—	—	—	3.55	ipitation for this Month in Inches
MEANS	30.022	69.3	70.2	W.	—	
						1871 72 1871 3.06
						1872 73 1872 10.68
						1873 70 1873 6.21
						1874 68 1874 6.67
						1875 7 1875 3.50
						1876 70 1876 1.23
						1877 72 1877 4.49
						1878 70 1878 7.66
						1879 69 1879 6.71
						1880 71 1880 2.90
						1881 71 1881 1.23
						1882 72 1882 1.46
						1883 68 1883 0.39
						1884 70 1884 5.01
						1885 68 1885 7.64
						1886 68 1886 3.64
						1887 68 1887 3.05
						1888 70 1888 6.63
						1889 67 1889 3.95
						1890 69 1890 2.70
						1891 70 1891 3.87
						1892 70 1892 4.87
						1893 70 1893 6.46
						1894 68 1894 3.03
						1895 71 1895 8.24
						1896 71 1896 2.15
						1897 70 1897 3.95
						1898 73 1898 6.38
						1899 69 1899 2.52
						1900 71 1900 2.46
						1901 71 1901 3.25
						1902 68 1902 2.20
						1903 65 1903 3.83
						1904 69 1904 2.19
						1905 69 1905 3.39
						1906 72 1906 1.58
						1907 70 1907 1.10
						1908 69 1908 4.35
						1909 69 1909 3.55

Average mean temperature for 39 years, 70°. Average monthly precipitation for 39 years, 3.91 inches. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of September, 1909.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of September, 1909	818.
Population estimated at 622,970.	Rate per 1,000 inhabitants, 15.98.
Deaths of non-residents, 98.	*Corrected rate per 1,000 inhabitants, 14.06.

Total number	818	NATIVITY.	
SEX.		United States	546
Males	436	Ireland	113
Females	382	England	17
CONDITION.		Scotland	5
Single	448	Germany	15
Married	242	British America	54
Widowed	113	Italy	21
Divorced	2	Russia	18
Unknown	13	Sweden	5
COLOR.		Other Countries	9
White	803	Unknown	15
Black (Negro or mixed)	13	PARENTAGE.	
Chinese	2	United States	190
Total deaths of children,		Irish	209
{ Under 1 year	240	English	21
{ Under 2 years	264	Scotch	11
{ Under 5 years	291	German	17
		British American	38
		Italian	53
		Russian	41
		Swedish	6
		Both parents foreign	43
		One parent foreign	65
		One parent unknown	63
		Unknown	61
		Still-births during the month	66

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for September, 1902.		AGE.																				SEX.							
	Deaths of non-residents.		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.																														
1. Typhoid Fever	11	2								1				1	2	2	3	1	1									8	8	
2. Exanthematous typhus																														
3. Recurrent fever																														
4. Intermittent fever and malarial cachexia (a) Malarial cachexia	1																				1							1		
5. Variola																														
6. Measles	1		1						1																				1	
7. Scarlatina	2			1	1				2																				1	1
8. Whooping cough	2		1	1					2																				1	1
9. Diphtheria (and croup)	8	1	4	1			1	1	7	1																		7	1	
10. Grippe	1	1			1				1																					1
11. Miliary Fever																														
12. Asiatic Cholera																														
13. Cholera nostras																														
14. Dysentery (a) Dysentery, epidemic	3		1	1					2																	1		1	2	
15. Pest (Plague; bubonic plague)																														
16. Yellow fever																														
17. Leprosy																														
18. Erysipelas	3	1	1						1							1									1			1	2	
19. Other epidemic affections																														
20. Purulent infection and septicaemia	3	1	1		1				2					1														2	1	
21. Glanders and farcy																														
22. Malignant pustule and charbon (anthrax)																														
23. Rabies																														
24. Actinomycosis, trichinosis, etc.																														
25. Pelingra																														
26. Tubercle of the larynx																														
27. Tubercle of the lungs	75	10	4						4			5	10	11	10	15	5	3	6	1	4		1					37	38	
28. Tubercle of the meninges	9		4		3				7	2																			5	4
29. Tubercle, abdominal	7	1	2						2								1		1									2	5	
30. Pott's diseases	1			1					1																				1	
31. Abscess, cold and by congestion																														
32. Tumors, white (white swellings)																														
33. Tubercle of other organs																														
34. Tubercle, generalized	1																1											1		
35. Scrofula																														
36. Syphilis* (a) Syphilis, hereditary	5		4						4								1												2	3
37. Blennorrhagia of the adult	4		4						4																			1	3	
38. Gonococcal infections of the child																														
39. Cancer and other malignant tumors of the buccal cavity	2																					1							2	
40. Cancer and other malignant tumors of the stomach and liver	28			1				1						3			1	5	4	5	3	4	2					12	16	
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	11	2															1	1	1	2	3	1			1	1			3	8
42. Cancer and other malignant tumors of the genital organs of the female	9	3												1		2	1	1	2	2										

*Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

Total Mortality for September, 1905. Deaths of non-residents.	AGE.																								SEX.		
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Continued.																											
42. Cancer and other malignant tumors of the stomach																											
43. Cancer and other malignant tumors of the breast	6														3				2	1						6	
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	10	1							1	1	1		1	1	2		3								6	4	
46. Other tumors (tumors of the female gen- ital organs excepted)																											
47. Rheumatism, acute, articular	2	1						1																1		1	1
48. Rheumatism, chronic, and gout.	3	1														2	1									3	
49. Scorbutus																											
50. Diabetes	5																2	1		2						2	3
51. Gout, exophthalmic																											
52. Addison's disease																											
53. Leukemia																											
54. Anemia, chlorosis																											
55. Other general diseases	3	1												1	1		1								2	1	
56. Alcoholism, acute and chronic	12	1											2	3	3		1	2		1					10	2	
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	224	27	22	7	6	1	1	37	3	2	6	10	16	15	24	17	10	19	17	17	10	13	2	3	3	108	116
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	3	1	2				2			1																1	2
61. Meningitis, simple	1				1		1																			1	
61a. Meningitis, epidemic cerebro-spinal	1																		1							1	
62. Locomotor ataxia, progressive																											
63. Other diseases of the spinal cord	9	1			1		2	3		2	1						1	2							6	3	
64. Cerebral congestion and hemorrhage	38	2												3	3	3	3	4	3	8	5	3	1	2		18	20
65. Cerebral softening	1																		1							1	
66. Paralysis, without cause assigned	4															1				1		2				1	3
67. General paralysis	3													1	1		1									1	2
68. Other forms of mental alienation	1																1									1	
69. Epilepsy																											
70. Eclampsia (non-puerperal)																											
71. Convulsions of children																											
72. Tetanus																											
73. Chorea																											
74. Other diseases of the nervous system	1	1					1																			1	
75. Diseases of the eye and appendages																											
76. Diseases of the ear																							</				

CAUSES OF DEATH.

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AGE.		SEX.
Total Mortality, age systemic, 1909.		
Deaths of non-repellents.		
Under 1 year.		
1 year and over.		
3 years and over.		
under 3 years.		
3 years and over.		
under 4 years.		
4 years and over.		
under 5 years.		
5 years and over.		
Total under 5 years.		
5 years and over.		
under 10 years.		
10 years and over.		
under 15 years.		
15 years and over.		
under 20 years.		
20 years and over.		
under 25 years.		
25 years and over.		
under 30 years.		
30 years and over.		
under 35 years.		
35 years and over.		
under 40 years.		
40 years and over.		
under 45 years.		
45 years and over.		
under 50 years.		
50 years and over.		
under 55 years.		
55 years and over.		
under 60 years.		
60 years and over.		
under 65 years.		
65 years and over.		
under 70 years.		
70 years and over.		
under 75 years.		
75 years and over.		
under 80 years.		
80 years and over.		
under 85 years.		
85 years and over.		
under 90 years.		
90 years and over.		
under 95 years and over.		
Males.		
Females.		

[illegible][illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																				SEX.								
	Total Mortality for September, 1909.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																													
149. Other diseases of the organs of locomotion																													
Total organs, locomotion	3	1			1			1		1										1							2	1	
X. Malformations.																													
150. Malformations, congenital (still-births excepted)	12	2	12					12																			8	4	
XI. Early Infancy.																													
151. Congenital debility, icterus and sclerema	43	2	43					43																			20	23	
152. Other diseases appertaining to infancy,	3		3					3																			2	1	
153. Lack of care	1	1	1					1																				1	
Total early infancy	47	3	47					47																			22	25	
XII. Old Age.																													
154. Senile debility	1																									1	1		
XIII. Affections Produced by External Causes.																													
155. Suicide by poison	2											1				1											1	1	
156. Suicide by asphyxia	1																		1								1		
157. Suicide by hanging or strangulation	1															1											1		
158. Suicide by submersion																													
159. Suicide by firearms	2	1											1		1												2		
160. Suicide by cutting instruments																													
161. Suicide by jumping from high places	1														1												1		
162. Suicide by crushing																													
163. Other suicides																													
164. Fractures	6								1	1	1	1						1			1					5	1		
165. Luxations																													
166. Other accidental traumatism	18	6							2	3	2	1	2	2	3				2	1						16	2		
167. Burns and scalds	4		1				1	1					1		1												4		
168. Burns by corrosive substances																													
169. Insolation																													
170. Freezing																													
171. Electrical disturbances																													
172. Accidental submersion	5											1	1			1	1	1									5		
173. Starvation, privation, etc.																													
174. Absorption of deleterious gases (suicide excepted)	2	1																1	1								2		
175. Other acute poisonings																													
176. Other external violence	12	2	10					10					1							1							7	5	
Total affections, etc.	54	10	10	1				11	2	2	1	5	5	4	2	5	6	1	2	4	3	1				40	14		
XIV. Ill-defined Diseases.																													
177. Dropsy																													
178. Sudden death	1																			1							1		
179. Non-specified or ill-defined causes of death	5		3					3				2															3	2	
Total ill-defined diseases	6		3					3				2									1						3	2	
Total from all causes,	818	98	240	24	16	6	4	290	13	12	9	22	35	26	50	88	43	41	53	48	45	35	18	22	12	8	436	369	

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	1909	Date of death.	Additional deaths.	AGE.																SEX.					
		Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	Color.	Condition.	Nativity.	Parentage.	Males.	Females.	
Still-birth		Age	1																						

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF SEPTEMBER, 1909, AND FOR THE CORRESPONDING MONTH IN 1908.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	SEPT., 1909.	SEPT., 1908.	SEPT., 1909.	SEPT., 1908.		SEPT., 1909.	SEPT., 1908.	SEPT., 1909.	SEPT., 1908.
Cholera	—	—	—	—	Measles	41	73	—	1
Chicken-pox	27	21	—	—	Scarlatina	88	145	—	—
Cerebro-spinal Meningitis	6	7	—	—	Smallpox	1	—	1	—
Diphtheria and Croup	156	237	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	143	139	—	—
Tuberculosis	215	204	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	3,264	Cattle Condemed,	
Calves "	1,837	60 and parts, 18,433 lbs.	
Sheep "	252	Calves " 1	35 "
Hogs "	4,840	Sheep " —	" "
		Hogs " 7 and parts, 2,749 "	

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immature)	286 lbs.
" (tainted)	148 "
Poultry "	448 "
Mutton "	— "
Beef "	22 "
Pork "	— "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	423
" "	" " Wagons	745
" "	" brought in by Citizens	24
" "	" for bacteriological examination,	533
" "	Vinegar	58
" "	Butter and Cheese	13
Total Samples,		1,706

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	71
	Positive for release	119
	Negative for diagnosis	550
	Negative for release	270
TUBERCULOSIS:	"No growth" cultures	11 . 1,021
	Positive	88
	Negative	244
	Unsatisfactory	1 . 333
TYPHOID:	Positive	83
	Negative	245
	Unsatisfactory	25 . 353

GLANDERS:	Positive	6
	Negative	7
	Unsatisfactory	1 . 14
	Other examinations: * Positive	35
BACTERIOLOGICAL MILK EXAMINATIONS	Negative	119
	Unsatisfactory	8 . 162
	BACTERIOLOGICAL MILK EXAMINATIONS	533
	EXAMINATION OF DIPHTHERIA CULTURES	
FROM BRIGHTON SCHOOLS:	Positive	92
	Negative	8,141
	No growth	30
	Total	8,263
Total		10,679

* Gonorrhoea, Malaria, Ophthalmia, A and B Para-typhoid, Conradi, Organisms, Pneumococci, Typhoid Faeces and Urine, Sewage Contamination in Water.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of September, 1909, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.																																																																																																																																																																
1	29.88	66	91	S.	.52	Mean Barometer, 30.115.																																																																																																																																																																
2	29.92	60	72	N.W.	0	Highest Barometer, 30.52 on the 20th.																																																																																																																																																																
3	30.06	68	55	W.	0	Lowest Barometer, 29.76 on the 5th.																																																																																																																																																																
4	30.04	70	82	S.	* T	Monthly Range of Barometer, .76.																																																																																																																																																																
5	29.84	62	82	S. S.W. W.N.W.	.11	Mean Temperature, 62.6°.																																																																																																																																																																
6	30.10	60	72	W.	0	Highest Temperature, 82° on the 3d.																																																																																																																																																																
7	30.13	66	78	S.W.	0	Lowest Temperature, 46° on the 20th.																																																																																																																																																																
8	30.25	61	78	E.	0	Monthly Range of Temperature, 36°.																																																																																																																																																																
9	30.24	64	90	E.	0	Greatest Daily Range of Temperature, 28° on the 3d.																																																																																																																																																																
10	30.14	59	96	E.	.41	Least Daily Range of Temperature, 4° on the 26th.																																																																																																																																																																
11	30.11	64	92	E.	.50	Mean Daily Range of Temperature, 14.5°.																																																																																																																																																																
12	30.38	58	75	E.	0	Mean Daily Dew-point, 55.8.																																																																																																																																																																
13	30.26	61	78	S.W.	0	Mean Daily Relative Humidity, 82.4.																																																																																																																																																																
14	30.29	66	88	E.	0	Prevailing Direction of Wind, E.																																																																																																																																																																
15	30.32	62	88	E.	0	Total Movement of Wind, 6,093 miles.																																																																																																																																																																
16	30.11	66	80	S.W.	0	Highest Velocity of Wind and Direction, 28—W. on the 5th.																																																																																																																																																																
17	30.03	68	75	W.	.18	Number of Foggy Days, none.																																																																																																																																																																
18	30.28	62	66	S.E. & N.W.	0	Number of Fair Days, 9.																																																																																																																																																																
19	30.52	55	72	E.	0	Number of Clear Days, 8.																																																																																																																																																																
20	30.46	54	85	E.	0	Number of Cloudy Days, 13.																																																																																																																																																																
21	30.34	58	94	E.	0	Total Number of Days on which Rain or Snow fell, 12.																																																																																																																																																																
22	30.16	66	92	E.	.01	Depth of Unmelted Snow on ground at end of month, none.																																																																																																																																																																
23	30.02	74	93	S.	.53	Dates of Auroras, none.																																																																																																																																																																
24	29.96	67	92	N.W.	.97	Dates of Lunar Halos, none.																																																																																																																																																																
25	30.20	60	80	N.	.05	Dates of Solar Halos, none.																																																																																																																																																																
26	30.12	55	85	N.	.86	Thunder Storms, 1.																																																																																																																																																																
27	29.96	60	97	N.W.	.37	Dates of Frosts, none.																																																																																																																																																																
28	29.84	62	96	W.	.64	Mean Maximum Temperature, 69.9.																																																																																																																																																																
29	29.94	67	76	W. & S.E.	0	Mean Minimum Temperature, 55.4.																																																																																																																																																																
30	29.81	65	70	S.W.	0																																																																																																																																																																	
31	—	—	—	—	—																																																																																																																																																																	
TOTALS.....	—	—	—	—	5.15																																																																																																																																																																	
MEANS.....	30.124	62.6	82.4	E.	—																																																																																																																																																																	
						<table><tr><td colspan="2">MEAN TEMPERATURE for this month in</td><td colspan="2">Total Precipitation for this Month in inches</td></tr><tr><td>1871</td><td>59</td><td>1871</td><td>1.30</td></tr><tr><td>1872</td><td>64</td><td>1872</td><td>6.04</td></tr><tr><td>1873</td><td>63</td><td>1873</td><td>2.91</td></tr><tr><td>1874</td><td>64</td><td>1874</td><td>2.05</td></tr><tr><td>1875</td><td>61</td><td>1875</td><td>3.12</td></tr><tr><td>1876</td><td>60</td><td>1876</td><td>3.84</td></tr><tr><td>1877</td><td>65</td><td>1877</td><td>0.60</td></tr><tr><td>1878</td><td>64</td><td>1878</td><td>3.47</td></tr><tr><td>1879</td><td>62</td><td>1879</td><td>1.84</td></tr><tr><td>1880</td><td>65</td><td>1880</td><td>2.36</td></tr><tr><td>1881</td><td>68</td><td>1881</td><td>2.50</td></tr><tr><td>1882</td><td>64</td><td>1882</td><td>10.93</td></tr><tr><td>1883</td><td>60</td><td>1883</td><td>1.50</td></tr><tr><td>1884</td><td>67</td><td>1884</td><td>0.31</td></tr><tr><td>1885</td><td>60</td><td>1885</td><td>1.70</td></tr><tr><td>1886</td><td>65</td><td>1886</td><td>2.73</td></tr><tr><td>1887</td><td>60</td><td>1887</td><td>0.97</td></tr><tr><td>1888</td><td>60</td><td>1888</td><td>6.77</td></tr><tr><td>1889</td><td>63</td><td>1889</td><td>3.19</td></tr><tr><td>1890</td><td>63</td><td>1890</td><td>5.04</td></tr><tr><td>1891</td><td>67</td><td>1891</td><td>2.29</td></tr><tr><td>1892</td><td>62</td><td>1892</td><td>1.90</td></tr><tr><td>1893</td><td>60</td><td>1893</td><td>1.69</td></tr><tr><td>1894</td><td>65</td><td>1894</td><td>2.14</td></tr><tr><td>1895</td><td>66</td><td>1895</td><td>1.53</td></tr><tr><td>1896</td><td>62</td><td>1896</td><td>6.40</td></tr><tr><td>1897</td><td>63</td><td>1897</td><td>2.38</td></tr><tr><td>1898</td><td>66</td><td>1898</td><td>1.93</td></tr><tr><td>1899</td><td>62</td><td>1899</td><td>5.09</td></tr><tr><td>1900</td><td>65</td><td>1900</td><td>4.62</td></tr><tr><td>1901</td><td>65</td><td>1901</td><td>2.50</td></tr><tr><td>1902</td><td>63</td><td>1902</td><td>2.08</td></tr><tr><td>1903</td><td>64</td><td>1903</td><td>2.43</td></tr><tr><td>1904</td><td>62</td><td>1904</td><td>5.57</td></tr><tr><td>1905</td><td>62</td><td>1905</td><td>5.10</td></tr><tr><td>1906</td><td>65</td><td>1906</td><td>2.64</td></tr><tr><td>1907</td><td>64</td><td>1907</td><td>7.43</td></tr><tr><td>1908</td><td>66</td><td>1908</td><td>0.68</td></tr><tr><td>1909</td><td>63</td><td>1909</td><td>5.15</td></tr></table>	MEAN TEMPERATURE for this month in		Total Precipitation for this Month in inches		1871	59	1871	1.30	1872	64	1872	6.04	1873	63	1873	2.91	1874	64	1874	2.05	1875	61	1875	3.12	1876	60	1876	3.84	1877	65	1877	0.60	1878	64	1878	3.47	1879	62	1879	1.84	1880	65	1880	2.36	1881	68	1881	2.50	1882	64	1882	10.93	1883	60	1883	1.50	1884	67	1884	0.31	1885	60	1885	1.70	1886	65	1886	2.73	1887	60	1887	0.97	1888	60	1888	6.77	1889	63	1889	3.19	1890	63	1890	5.04	1891	67	1891	2.29	1892	62	1892	1.90	1893	60	1893	1.69	1894	65	1894	2.14	1895	66	1895	1.53	1896	62	1896	6.40	1897	63	1897	2.38	1898	66	1898	1.93	1899	62	1899	5.09	1900	65	1900	4.62	1901	65	1901	2.50	1902	63	1902	2.08	1903	64	1903	2.43	1904	62	1904	5.57	1905	62	1905	5.10	1906	65	1906	2.64	1907	64	1907	7.43	1908	66	1908	0.68	1909	63	1909	5.15
MEAN TEMPERATURE for this month in		Total Precipitation for this Month in inches																																																																																																																																																																				
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1894	65	1894	2.14																																																																																																																																																																			
1895	66	1895	1.53																																																																																																																																																																			
1896	62	1896	6.40																																																																																																																																																																			
1897	63	1897	2.38																																																																																																																																																																			
1898	66	1898	1.93																																																																																																																																																																			
1899	62	1899	5.09																																																																																																																																																																			
1900	65	1900	4.62																																																																																																																																																																			
1901	65	1901	2.50																																																																																																																																																																			
1902	63	1902	2.08																																																																																																																																																																			
1903	64	1903	2.43																																																																																																																																																																			
1904	62	1904	5.57																																																																																																																																																																			
1905	62	1905	5.10																																																																																																																																																																			
1906	65	1906	2.64																																																																																																																																																																			
1907	64	1907	7.43																																																																																																																																																																			
1908	66	1908	0.68																																																																																																																																																																			
1909	63	1909	5.15																																																																																																																																																																			

Average mean temperature for 39 years, 63°. Average monthly precipitation for 39 years, 3.25 inches. * T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of October, 1909.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of October, 1909	875.
Population estimated at 622,970.	Rate per 1,000 inhabitants, 16.54.
Deaths of non-residents, 109.	*Corrected rate per 1,000 inhabitants, 14.48.

Total number	875	NATIVITY.	
SEX.		United States	550
Males	441	Ireland	154
Females	434	England	11
CONDITION.		Scotland	7
Single	419	Germany	10
Married	287	British America	72
Widowed	155	Italy	19
Divorced	3	Russia	20
Unknown	11	Sweden	7
COLOR.		Other Countries	15
White	843	Unknown	10
Black (Negro or mixed)	25	PARENTAGE.	
Chinese	7	United States	184
Total deaths of children,		Irish	279
Under 1 year	158	English	13
Under 2 years	192	Scotch	5
Under 5 years	217	German	13
		British American	63
		Italian	50
		Russian	40
		Swedish	6
		Both parents foreign	43
		One parent foreign	58
		One parent unknown	49
		Unknown	72
		Still-births during the month	54

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1906.		Deaths of non-residents.		AGE.																			SEX.							
					Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.																															
1. Typhoid Fever	24	2			1					1			1	8	2	3	2		5	1			1						16	8	
2. Exanthematous typhus																															
3. Recurrent fever																															
4. Intermittent fever and malarial cachexia																															
(a) Malarial cachexia																															
5. Variola	1																	1											1		
6. Measles	1				1					1																				1	
7. Scarlatina	6		1	1		1		1		3	1				1	1													2	4	
8. Whooping cough	3			1	2					3																				2	1
9. Diphtheria (and croup)	12	1		1	4	1	1	1	2	9	2			1															6	6	
10. Grippe	3														1					1			1						1	2	
11. Military Fever																															
12. Asiatic Cholera																															
13. Cholera nostras																															
14. Dysentery	1																		1											1	
(a) Dysentery, epidemic																															
15. Pest (Plague; bubonic plague)																															
16. Yellow fever																															
17. Leprosy																															
18. Erysipelas																															
19. Other epidemic affections																															
20. Purulent infection and septicemia	3	1	1							1		2																		2	1
21. Glanders and farcy																															
22. Malignant pustule and charbon (anthrax)																															
23. Rabies																															
24. Actinomycosis, trichinosis, etc.																															
25. Pellagra																															
26. Tubercle of the larynx	2														1	1														1	1
27. Tubercle of the lungs	79	3	3							3	2	2	3	7	8	5	12	11	7	6	7	1	1	4					38	41	
28. Tubercle of the meninges	8	3		3	2	1				6			1	1																3	5
29. Tubercle, abdominal	2		2							2																				1	1
30. Pott's disease	2	1				1	1										1													1	1
31. Abscess, cold and by congestion																															
32. Tumors, white (white swellings)																															
33. Tubercle of other organs																															
34. Tubercle, generalized	3	1				1				1				2																1	2
35. Scrofula																															
36. Syphilis*	7		5							5					1		1													4	3
(a) Syphilis, hereditary	5		5							5																				2	3
37. Gonorrhoea of the adult																															
38. Gonococcal infections of the child																															
39. Cancer and other malignant tumors of the buccal cavity	4											1						1			2								3	1	
40. Cancer and other malignant tumors of the stomach and liver	21	3													2	1		4	5	4			3			1	1		11	10	
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	15	3														1	4	2			1	3	4						8	7	
42. Cancer and other malignant tumors of the genital organs of the female	13	2													1	1			2	2	1	3	1	1	1					13	

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

Total Mortality for October, 1909.		Deaths of non-residents.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
	5																1	1	2							1			1	4
	2																1		1									1		
13	3														2			2	3	3	1	1	1					6	7	
2										1																1				2
7	1										1						1		1	1		1	2						4	3
1																	1												1	
2																		1		1								1	1	
1			1							1																		1		
11	1												2	2	1	2		3				1							7	4
	1												1															1		
255	25	14	13	4	3	3	37	5	4	8	19	16	13	22	21	20	23	22	12	10	17	2	2	1	1	1	123	132		
7	2	3	1				4	1			1								1									4	3	
2														2														1	1	
5	1	3		1			4													1								2	3	
50	4	1					1									2	5	8	5	8	9	6	3	1	1	1	20	30		
4																			1			1	1	1						
3														1	1					1								2	1	
1											1																1			
1		1					1																						1	
1								1																			1			
7	4										1	1	1				3			1								5	2	
2		2					2																						2	
83	11	10	1	1			12	2			3	1	1	3	3	8	8	7	11	9	7	4	2	1	1	1	36	47		
1								1																				1		
7					1		1				2			1			1		1	1								3	4	
91	11							8	1	2	1	3	2	6	6	6	12	9	14	8	7	7	3	1		41	50			

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for October, 1901.	Deaths of non-residents.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory Apparatus.—Concluded.																														
80. Angina pectoris	2	1																		1	1							1	1	
81. Diseases of the arteries (atheroma, aneurism, etc.)	12	1																2			3	2	3			2		7		
82. Embolism and thrombosis	6	2										1					3	2										4	2	
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																														
84. Diseases of the lymphatic system (lymphangitis, etc.)	2		1				1	2																				2		
85. Hemorrhages																														
86. Other diseases of the circulatory apparatus																														
Total of circulatory apparatus	121	15	1			1	1	3	1	3	1	4	2	3	3	6	9	11	12	11	16	11	9	10	3	3	50	62		
IV. Diseases of the Respiratory Apparatus.																														
87. Diseases of the nasal fossae																														
88. Diseases of the larynx	2		1	1			2																					2		
89. Diseases of the thyroid body																														
90. Bronchitis, acute	5		2				2													1	1					1	3	2		
91. Bronchitis, chronic	7								1											2		1	2	1				3	4	
92. Broncho-pneumonia	13	1	4	1	1		6		1							1	1			2		1	1					5	8	
93. Pneumonia	52	5	8	4		3	15	1	1		1	2		4	1	2	3	5	6	5	4	1	1				25	27		
94. Pleurisy	1	1											1															1		
95. Pulmonary congestion and apoplexy	1																				1								1	
96. Gangrene of the lung																														
97. Asthma																														
98. Emphysema, pulmonary																														
99. Other diseases of the respiratory apparatus (phthisis excepted)	1			1			1																					1		
Total respiratory apparatus	82	7	15	7	1	3	26	1	3	1	2		5	1	3	4	5	11	6	7	4	2			1		40	42		
V. Diseases of the Digestive Apparatus.																														
100. Diseases of the mouth and its adnexa,																														
101. Diseases of the pharynx	1	1			1		1																					1		
102. Diseases of the esophagus																														
103. Ulcer of the stomach	1																			1								1		
104. Other diseases of the stomach (cancer excepted)	14	2	7	3		1	11		1			1													1			8	6	
105. Diarrhoea and enteritis (under two years)	61	6	53	8			61																				33	23		
(a) Diarrhoea and enteritis, chronic (under two years)	7	3	7				7																					3	4	
106. Diarrhoea and enteritis (two years and over)	6	1			2		2								1			1							2		4	3		
107. Parasites, intestinal																														
108. Hernia, intestinal obstructions	9	2										2	1					1	1	1		1	1	1			3	6		
109. Other diseases of the intestines																														
110. Acute yellow atrophy of the liver																														
111. Hydatid tumors of the liver																														
112. Cirrhosis of the liver	8												1	2	1	1	1	1		1							3	5		
113. Biliary calculi	4	3																	2	1	1							4		
114. Other diseases of the liver	2														1					1								2		
115. Diseases of the spleen																														
116. Peritonitis, simple (puerperal excepted),	2																	1			1						1	1		

		AGE.																SEX.																			
																		Male.	Females.																		
V. Diseases of the Digestive Apparatus.—Concluded.																																					
117.	Other diseases of the digestive apparatus (cancer and tubercle excepted)	1	1																	1																	
118.	Appendicitis and abscess of the iliac fossa	13	1											4	1	4	1	1	1	1	7																
Total digestive apparatus		122	17	60	11	3	1	75									5	1	6	4	2	4	1	3	6	4	5	1	1	2	2	63	59				
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																																					
119.	Nephritis, acute	6																	1			1	1			1	1			1	4	2					
120.	Bright's disease	47	3																	1			1	6	3	1	6	3	5	4	8	3	3	2	1	23	24
121.	Other diseases of the kidneys and their adnexa	5	2	1												1			2	1					1			1	4								
122.	Calculi of the urinary tract																																				
123.	Diseases of the bladder	2																					1	1			1	1			1	1					
124.	Diseases of the urethra, urinary abscess, etc.																																				
125.	Diseases of the prostate	3																					2	1					3								
126.	Non-venereal diseases of the male genital organs																																				
127.	Metritis																																				
128.	Hemorrhage, uterine, non-puerperal																																				
129.	Tumor, uterine, non-cancerous	3	2																	1	1					1			3								
130.	Other diseases of the uterus																																				
131.	Cysts and other tumors of the ovary	2	1																	1	1							2									
132.	Other diseases of the female genital organs																																				
133.	Diseases of the breast, non-puerperal (cancer excepted)																																				
Total of genito-urinary		68	8	1												1	1	1	5	9	4	2	6	3	6	6	11	3	5	2	2	1	32	36			
VII. Puerperal State.																																					
134.	Accidents of pregnancy	2																	2									2									
135.	Hemorrhage, puerperal																																				
136.	Other accidents of labor	1																			1									1							
137.	Septicemia, puerperal	2																			1	1							2								
138.	Albuminuria and puerperal eclampsia,	4	2																	1			1	2													
139.	Plegmiasia alba dolens, puerperal																																				
140.	Other puerperal accidents—sudden death	2																			1			1							2						
141.	Puerperal diseases of the breast																																				
Total puerperal		11	2																	2	2	2	3	2							11						
VIII. Diseases of the Skin and Cellular Tissue.																																					
142.	Gangrene																																				
143.	Furuncle (carbuncle)	1	1																			1							1								
144.	Phlegmon, acute abscess	2	2																			1	1					2									
145.	Other diseases of the skin and its adnexa																																				
Total skin tissue		3	3																			1	2					2	1								
IX. Diseases of the Organs of Locomotion.																																					
146.	Diseases of the bones (non-tuberculous).	4	1	2																	2			1			1			2	2						
147.	Arthritis and other diseases of the articulations (tubercle and rheumatism excepted)																																				
148.	Amputation																																				

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1909. Deaths of non-residents.		AGE.																				SEX.				
			Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																						
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other diseases of the organs of locomotion																											
Total organs, locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165. Luxations																											
166. Other accidental traumas																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173. Starvation, privation, etc.																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Date of death.		Additional deaths.		AGE.																		SEX.			
	1909	Aug.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	Color.	Condition.	Nativity.	Parentage.	Males.	Females.	
172. Accidental submerison		Aug.	1												1						White	Unknown	Unknown	Unknown	1	

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF OCTOBER, 1909, AND FOR THE CORRESPONDING MONTH IN 1908.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	OCT., 1909.	OCT., 1908.	OCT., 1909.	OCT., 1908.		OCT., 1909.	OCT., 1908.	OCT., 1909.	OCT., 1908.
Cholera	—	—	—	—	Measles	147	103	—	—
Chicken-pox	42	26	—	1	Scarlatina	114	223	—	—
Cerebro-spinal Meningitis	1	6	—	—	Smallpox	1	—	—	—
Diphtheria and Croup	226	399	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	135	112	—	—
Tuberculosis	208	222	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	4,159	Cattle Condemed,	
Calves "	1,714	76 and parts, 22,672 lbs.	
Sheep "	122	Calves " — " — "	
Hogs "	5,240	Sheep " — " — "	
		Hogs " 9 and parts, 3,735 "	

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immature)	110 lbs.
" (tainted)	— "
Poultry "	61 "
Mutton "	— "
Beef "	— "
Pork "	— "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	587
" "	" " Wagons	810
" "	" " brought in by Citizens	14
" "	" " for bacteriological examination,	491
" "	Vinegar	61
" "	Butter and Cheese	28
Total Samples,		1,991

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	. .	185	GLANDERS:	Positive	. . . .	3		
	Positive for release	. .	176		Negative	. . . .	4		
	Negative for diagnosis	. .	892		Unsatisfactory	. . . .	5		
	Negative for release	. .	319		Other examinations: * Positive	. . . .	56		
	"No growth" cultures	. .	7		1,579	Negative	. . . .		110
TUBERCULOSIS:	Positive	. . . .	89	BACTERIOLOGICAL MILK EXAMINATIONS	Negative	. . . .	110		
	Negative	. . . .	328		Unsatisfactory	. . . .	2		
	Unsatisfactory	. . . .	0		417				168
TYPHOID:	Positive	. . . .	62	Total	. . . . .	. . . . .	491		
	Negative	. . . .	230						
	Unsatisfactory	. . . .	35		327				2,994

* Gonorrhoea, K. L. Virulence, Malaria, Genito-urinary, T. B., Ophthalmia, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of October, 1909, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.80	57	63	W.	0	Mean Barometer, 30.01.
2	29.80	58	70	W.	0	Highest Barometer, 30.51 on the 20th.
3	30.05	55	78	E.	0	Lowest Barometer, 29.64 on the 15th.
4	30.27	55	76	S. E.	0	Monthly Range of Barometer, .87.
5	30.32	58	70	W.	0	Mean Temperature, 52.8°.
6	30.18	64	60	W.	0	Highest Temperature, 77° on the 9th.
7	30.10	65	59	W.	0	Lowest Temperature, 33° on the 30th.
8	30.23	63	72	W.	0	Monthly Range of Temperature, 44°.
9	30.28	68	68	W.	0	Greatest Daily Range of Temperature, 24° on the 6th.
10	30.19	64	77	E.	0	Least Daily Range of Temperature, 5° on the 11th.
11	29.96	56	95	E.	* T	Mean Daily Range of Temperature, 15.1°.
12	29.68	64	74	S. E.	.17	Mean Daily Dew-point, 39.8.
13	29.84	49	61	W.	0	Mean Daily Relative Humidity, 66.6.
14	29.87	50	55	S.	0	Prevailing Direction of Wind, W.
15	29.64	50	70	W.	.16	Total Movement of Wind, 7,414 miles.
16	29.91	48	62	W.	0	Highest Velocity of Wind and Direction, 80—W. on the 17th.
17	30.10	48	60	W.	* T	Number of Foggy Days, 7. Number of Fair Days, 12.
18	30.26	46	72	W.	* T	Number of Clear Days, 12. Number of Cloudy Days, 7.
19	30.34	44	66	N.W.	0	Total Number of Days on which Rain or Snow fell, 7.
20	30.44	44	64	W.	0	Depth of Unmelted Snow on ground at end of month, none.
21	30.23	48	77	S.	.17	Dates of Auroras, 18th. Dates of Lunar Halos, none.
22	29.86	56	74	W.	.27	Dates of Solar Halos, 27th. Thunder Storms, none.
23	29.91	54	64	W.	* T	Dates of Frosts, 14th and 20th.
24	29.86	48	92	N.	.25	Mean Maximum Temperature, 60.4. Mean Minimum Temperature, 45.3.
25	29.88	47	72	N.W.	.04	MEAN TEMPERATURE for this month in
26	29.94	50	65	W.	0	1871 54
27	29.84	60	70	S.W.	0	1872 52
28	29.88	46	57	N. W.	.01	1873 54
29	29.92	39	93	N.W.	0	1874 53
30	30.02	42	81	N.W.	0	1875 50
31	30.13	44	53	W.	* T	1876 48
TOTALS.....	—	—	—	—	1.07	1877 52
MEANS.....	30.151	50	67	W.	—	1878 56
						1879 58
						1880 52
						1881 64
						1882 55
						1883 48
						1884 53
						1885 52
						1886 52
						1887 52
						1888 48
						1889 48
						1890 51
						1891 52
						1892 53
						1893 55
						1894 54
						1895 50
						1896 50
						1897 54
						1898 54
						1899 54
						1900 57
						1901 54
						1902 54
						1903 54
						1904 51
						1905 54
						1906 52
						1907 50
						1908 55
						1909 53
						1871 5.58
						1872 4.85
						1873 5.33
						1874 1.39
						1875 4.99
						1876 1.66
						1877 8.84
						1878 6.76
						1879 0.91
						1880 3.15
						1881 2.84
						1882 2.29
						1883 6.40
						1884 5.71
						1885 3.27
						1886 2.53
						1887 3.58
						1888 2.31
						1889 5.63
						1890 5.56
						1891 2.31
						1892 2.94
						1893 5.11
						1894 6.19
						1895 3.15
						1896 0.41
						1897 7.17
						1898 2.40
						1899 3.41
						1900 3.02
						1901 4.36
						1902 3.95
						1903 2.13
						1904 0.82
						1905 3.78
						1906 2.54
						1907 3.70
						1908 1.07
						1909

Average mean temperature for 39 years, 53°. Average monthly precipitation for 39 years, 3.76 inches. * T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of November, 1909.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of November, 1909	782.
Population estimated at 622,970.	Rate per 1,000 inhabitants, 15.27.
Deaths of non-residents, 87.	*Corrected rate per 1,000 inhabitants, 13.57.

Total number 782

SEX.

Males 391
Females 391

CONDITION.

Single 329
Married 275
Widowed 167
Divorced 4
Unknown 7

COLOR.

White 748
Black (Negro or mixed) 31
Chinese 2
Japanese 1

Total deaths of children, $\left\{ \begin{array}{l} \text{Under 1 year 123} \\ \text{Under 2 years 144} \\ \text{Under 5 years 169} \end{array} \right.$

NATIVITY.

United States 469
Ireland 135
England 25
Scotland 1
Germany 12
British America 76
Italy 21
Russia 21
Sweden 2
Other Countries 14
Unknown 6

PARENTAGE.

United States 201
Irish 225
English 20
Scotch 6
German 11
British American 49
Italian 46
Russian 34
Swedish 5
Both parents foreign 46
One parent foreign 48
One parent unknown 42
Unknown 49
Still-births during the month 49

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1909. Deaths of non-residents.		AGE.																				SEX. Males. Females.					
			AGE.																									
			Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																									
I. General Diseases.																												
1. Typhoid Fever	10	1							1			1	1	2	3	2										8	2	
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia (a) Malarial cachexia																												
5. Variola																												
6. Measles	6		1	4	1			6																		3	3	
7. Scarlatina	1						1	1																		1		
8. Whooping cough	1		1					1																			1	
9. Diphtheria (and croup)	14	1	1	2	2	1	2	8	3	1			1					1								3	11	
10. Grippe	5		2					2		1								1	1								5	
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras																												
14. Dysentery	2													1							1						2	
(a) Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	2	1	1					1					1														2	
19. Other epidemic affections																												
20. Purulent infection and septicaemia	3												1		2												2	1
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc.																												
25. Pellagra																												
26. Tubercle of the larynx																												
27. Tubercle of the lungs	81	6		1	1		1	3	1	2	9	11	8	7	13	10	4	5	5	1	1		1			38	43	
28. Tubercle of the meninges	10	2	2	2	3		1	8				1	1														6	4
29. Tubercle, abdominal	1		1					1																				1
30. Pott's disease																												
31. Abscess, cold and by congestion																												
32. Tumors, white (white swellings)																												
33. Tubercle of other organs																												
34. Tubercle, generalized	1														1													1
35. Scrophula																												
36. Syphilis*	3		1	1			2								1												3	
(a) Syphilis, hereditary	2		1	1			2																					2
37. Blennorrhagia of the adult	1	1											1															1
38. Gonococcal infections of the child																												
39. Cancer and other malignant tumors of the buccal cavity	2																1			1							2	
40. Cancer and other malignant tumors of the stomach and liver	16	1												1	1	1		2	2	1	2	4	1	1			5	11
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	7	3															1	4			1			1			4	3
42. Cancer and other malignant tumors of the genital organs of the female	4	2															1		1	1				1				4

*Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

		AGE.																								SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Total Mortality for November, 1909. Deaths of non-residents.		Under 1 year.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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		2	3	12	4	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

AGE.															SEX.		
Total Mortality for November, 1909.															Deaths of non-residents.		
Under 1 year.																	
1 year and over.																	
3 years and over.																	
3 years and over.																	
4 years and over.																	
Total under 5 years.																	
5 years and over.																	
10 years and over.																	
15 years and over.																	
15 years and over.																	
20 years and over.																	
25 years and over.																	
30 years and over.																	
35 years and over.																	
40 years and over.																	
45 years and over.																	
50 years and over.																	
55 years and over.																	
60 years and over.																	
65 years and over.																	
70 years and over.																	
75 years and over.																	
80 years and over.																	
85 years and over.																	
90 years and over.																	
Males.																	
Females.																	
1																1	
12																	1
6	1																
1																	
3	1	1															
140	5	2	1														
9		5		1													
6	1																
20	1	6	2	1													
70	8	7	4														
3			2														
2																	
1																	
1			1														
112	10	18	7	4													
1																	
4	1																
4		2															
23	4	23															
1	1	1															
9	3																
9	2	1															
2	1	1															
6	1																
1	1																
4	2																
1																	
2	1																

2

148. Amputation

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

Total Mortality for November, 1909. Deaths of non-residents.	AGE.																												SEX.	
																													Males.	Females.
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.						
	6	3	1			1					1		1	2		1										5				
	9	1	7			7	1		1																6	3				
	36	3	36			36																			21	15				
	1		1			1																				1				
	37	3	37			37																			21	16				
	2															1					1				1	1				
	3													1	2										1	2				
	3									1		1			1										3					
	1													1												1				
	1							1																		1				
	11	5				1	1			2			1	1	2	2	1				1				9	2				
	1														1											1				
	10	3						1	1			1	2	2		1	1		1						8	2				
	5		1	1		2						1	1					1								5				
	2													1		1									1	1				
	3	1												1	1	1									3					
	2							1				1														2				
	8		8			8																			5	3				
	50	9	9	1	1	11		1	3	3	3	5	6	5	4	6		1	1		1				31	19				
	1													1												1				
	13	1	9	1		10										1				2					5	8				
	14	1	9	1		10								1		1				2					6	8				
742	87	123	21	11	3	8	169	9	11	22	25	38	50	51	36	64	92	49	33	54	44	20	14	2	231	391				

CAUSES OF DEATH.	Date of death.	AGE.		SEX.
		Additional deaths.	Deaths of non-residents.	
			Under 1 year.	
			1 year and under 2 years.	
			2 years and under 3 years.	
			3 years and under 4 years.	
			4 years and under 5 years.	
			5 years and under 10 years.	
			10 years and under 15 years.	
			15 years and under 20 years.	
			20 years and under 25 years.	
			25 years and under 30 years.	
			30 years and under 35 years.	
			35 years and under 40 years.	
			40 years and under 45 years.	
			45 years and under 50 years.	
			50 years and under 55 years.	
			55 years and over.	
			Color.	
			Condition.	
			Nativity.	
			Parentage.	
			Malts.	
			Females.	

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Nov., 1909.	Nov., 1908.	Nov., 1909.	Nov., 1908.		Nov., 1909.	Nov., 1908.	Nov., 1909.	Nov., 1908.
Cholera	—	—	—	—	Measles	304	93	—	—
Chicken-pox	102	105	—	—	Scarlatina	157	268	—	—
Cerebro-spinal Meningitis . .	6	5	—	—	Smallpox	—	—	—	—
Diphtheria and Croup . . .	295	389	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal . .					Typhoid fever	70	69	—	—
Tuberculosis	259	194	—	—	Yellow fever	—	—	—	—

Cattle inspected.	1,659	Cattle Condemned,	26 and parts, 8,482 lbs.
Calves " "	675	Calves " "	3 118 "
Sheep " "	105	Sheep " "	— — "
Hogs " "	4,054	Hogs " "	6 and parts, 3,783 "

MEATS.		VEGETABLES.
Veal (immature)	35 lbs.	Miscellaneous, 2 bush.
" (tainted)	— "	Fruit . . 67 "
Poultry	1,468 "	
Mutton	— "	
Beef	8 "	
Pork	— "	
Rabbits,	200 "	

Examination as to Statute requirements.	
Samples examined	Milk from Stores 454
" "	" " Wagons 721
" "	" brought in by Citizens . . . 11
" "	" for bacteriological examination, 521
" "	Vinegar 51
" "	Butter and Cheese 134
	Total Samples, <u>1,892</u>

DIPHTHERIA:	Positive for diagnosis	225	GLANDERS:	Positive	11	
	Positive for release	148		Negative	20	
	Negative for diagnosis	1,247			Unsatisfactory	10 41
	Negative for release	300				
	"No growth" cultures	12 1,932		Other examinations: * Positive	41	
TUBERCULOSIS:	Positive	85	Negative	90		
	Negative	395		Unsatisfactory	5 136	
	Unsatisfactory	0 480				
	TYPHOID:	Positive	32	BACTERIOLOGICAL MILK EXAMINATIONS	521	
Negative		129				
Unsatisfactory		29 190	Total		3,300	

Genorrhoea, Ophthalmia, Malaria, K. L. Virulence, Genito-urinary T. B., etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of November, 1909, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.26	46	84	E.	0	Mean Barometer, 30.14.
2	29.97	60	90	S.W.	.04	Highest Barometer, 30.74 on the 10th.
3	29.76	56	52	W.	.42	Lowest Barometer, 29.56 on the 25th.
4	29.68	50	68	N.W.	*T	Monthly Range of Barometer, 1.18.
5	30.	42	60	N.W.	0	Mean Temperature, 46.4°.
6	30.39	44	59	W.	0	Highest Temperature, 76° on the 12th.
7	30.71	38	64	N.W.	0	Lowest Temperature, 27° on the 30th.
8	30.42	46	82	S.W.	.02	Monthly Range of Temperature, 49°.
9	30.67	44	62	N.E.	0	Greatest Daily Range of Temperature, 31° on the 23d.
10	30.65	43	62	S.W.	0	Least Daily Range of Temperature, 5° on the 9th.
11	30.33	64	70	W.	0	Mean Daily Range of Temperature, 46.4°.
12	30.19	64	64	W.	0	Mean Daily Dew-point, 37°.
13	30.53	50	88	N.E.	*T	Mean Daily Relative Humidity, 75.
14	30.58	49	85	N. E.	0	Prevailing Direction of Wind, S.W.
15	30.21	56	84	S.W.	0	Total Movement of Wind, 7,510 miles.
16	30.23	47	62	N.W.	*T	Highest Velocity of Wind and Direction, 38—N.E. on the 24th.
17	29.66	52	73	W. & S.W.	.07	Number of Foggy Days, 4.
18	29.91	36	60	N.W.	*T	Number of Fair Days, 8.
19	30.19	34	75	S.W.	0	Number of Clear Days, 6.
20	30.00	48	68	S.W.	0	Number of Cloudy Days, 16.
21	29.92	58	50	S.W.	0	Total Number of Days on which Rain or Snow fell, 9.
22	29.98	52	84	E.	*T	Depth of Unmelted Snow on ground at end of month, none.
23	29.72	50	88	S.W.	.18	Dates of Auroras, none.
24	29.98	36	100	N. E.	2.11	Dates of Lunar Halos, 21, 37.
25	29.62	44	100	N.	1.05	Dates of Solar Halos, none.
26	29.99	40	86	N.W.	.04	Thunder Storms, none.
27	30.41	38	82	N. E.	0	Dates of Frosts, 7th.
28	30.24	43	88	S. E.	0	Mean Maximum Temperature, 54.
29	30.08	38	84	N.	.18	Mean Minimum Temperature, 39.
30	30.18	34	62	N.	0	
31						
TOTALS.....	—	—	—	—	4.11	
MEANS.....	30.15	46.4	75	S.W.	—	
						MEAN TEMPERATURE for this month in
						1871 37
						1872 41
						1873 33
						1874 42
						1875 35
						1876 41
						1877 44
						1878 41
						1879 39
						1880 38
						1881 44
						1882 39
						1883 43
						1884 41
						1885 44
						1886 43
						1887 42
						1888 44
						1889 45
						1890 42
						1891 41
						1892 41
						1893 42
						1894 38
						1895 45
						1896 46
						1897 41
						1898 42
						1899 42
						1899 45
						1900 45
						1901 37
						1902 46
						1903 40
						1904 38
						1905 42
						1906 42
						1907 43
						1908 44
						1909 46
						1871 37
						1872 41
						1873 33
						1874 42
						1875 35
						1876 41
						1877 44
						1878 41
						1879 39
						1880 38
						1881 44
						1882 39
						1883 43
						1884 41
						1885 44
						1886 43
						1887 42
						1888 44
						1889 45
						1890 42
						1891 41
						1892 41
						1893 42
						1894 38
						1895 45
						1896 46
						1897 41
						1898 42
						1899 42
						1899 45
						1900 45
						1901 37
						1902 46
						1903 40
						1904 38
						1905 42
						1906 42
						1907 43
						1908 44
						1909 46
						1909 411

Average mean temperature for 39 years, 41.4°. Average monthly precipitation for 39 years, 4.04 inches. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of December, 1909.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of December, 1909	1,012.
Population estimated at 622,970.	Rate per 1,000 inhabitants, 19.13.
Deaths of non-residents, 116	*Corrected rate per 1,000 inhabitants, 16.93.

Total number 1,012

SEX.

Males 549

Females 463

CONDITION.

Single 451

Married 354

Widowed 193

Divorced 3

Unknown 11

COLOR.

White 986

Black (Negro or mixed) 25

Chinese 1

Total deaths of children	Under 1 year	152
	Under 2 years	205
	Under 5 years	248

NATIVITY.

United States 629

Ireland 175

England 24

Scotland 7

Germany 18

British America 60

Italy 30

Russia 26

Sweden 10

Other Countries 16

Unknown 17

PARENTAGE.

United States 229

Irish 304

English 26

Scotch 10

German 24

British American 49

Italian 68

Russian 42

Swedish 18

Both parents foreign 52

One parent foreign 71

One parent unknown 56

Unknown 63

Still-births during the month 50

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

Total Mortality for December, 1908.		Deaths of non-residents.		AGE.																				SEX.					
																								Male.	Female.				
Under 1 year.				1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
8	1					1	1		1	1			1	1			1											5	3
3				2		1		3																				2	1
2	2			1				1		1																		2	
3		1	1			1		3																					
34	6	1	9	4	7	3	8	24	0					1													16	18	
6		1		1				2						1		1					1		1				3	3	
3					1			1						1					1								2	1	
3		2						2					1														2	1	
3	1	1						1		1					1												3		
90	5	3	1					4	1		3	16	13	9	12	12	7	5	3	2	3						52	38	
7		2	2	1	1			6	1																		4	3	
2											1		1														1	1	
1														1													1		
2									1					1													1	1	
6	1	4		1				5							1												3	3	
5	1	4		1				5																			2	3	
23	1													1	1	1	3	3		4	4	4	1		1		15	8	
7	2														2				2	1		1	1				2	5	
5	1														1		2	1	1									5	

*Deaths under Italicized headings are included in those of the main heading.



SUMMARY OF DEATHS IN BOSTON,

With Principal Causes, for the year 1909, compared with those of 1908.

PUBLISHED BY ORDER OF THE BOARD OF HEALTH.

SAMUEL H. DURGIN, M.D., Chairman.

	1909.	1908.		1909.	1908.
Total No. of deaths from all causes	11,056	11,776	Diphtheria and croup	193	204
Population	622,970	617,075	Erysipelas	54	48
Annual death rate per 1,000 inhabitants,	17.75	19.08	Glanders	—	1
Deaths of nonresidents	1,304	—	Heart { Pericarditis	16	19
*Corrected death rate per 1,000	15.65	—	Heart { Endocarditis, acute	173	161
			Heart { Organic Diseases	1,053	997
Total No. of stillbirths	708	636	Influenza	62	59
Total deaths of children under 1 year	2,124	2,742	Measles	73	151
“ “ “ “ 2 years,	2,592	3,356	Nephritis { Acute	69	137
“ “ “ “ 5 years,	3,028	3,894	Nephritis { Chronic	584	369
Percentage of deaths under 5 years to total mortality	27.39	33.07	Pneumonia { Lobar	950	971
			Pneumonia { Broncho	312	328
Total No. of deaths from diarrhoea and enteritis, under 2 years	633	658	Pulmonary and laryngeal tuberculosis	1,056	1,068
Total No. of deaths from diarrhoea and enteritis, all ages	749	779	Puerperal septicaemia	32	25
Percentage of deaths from diarrhoea and enteritis to total mortality	6.77	6.62	Pyæmia and septicaemia	49	78
Anthrax	—	2	Rabies	3	2
Bronchitis	168	226	Rheumatism	37	56
Cancer	670	628	Scarlet fever	82	104
Cerebro-spinal meningitis	31	53	Syphilis	61	47
Diabetes	104	102	Typhoid fever	91	159
Dysentery	14	14	Whooping cough	74	82
			Violent deaths	773	787

*Nonresidents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for Deaths of non-residents, December, 1906.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
43. Cancer and other malignant tumors of the breast	7	1												1	1		1	2	2							1		
44. Cancer and other malignant tumors of the skin																												
45. Cancer and other malignant tumors of organs not specified	11	2									1	1				2	3		1	1	1	1				5	6	
46. Other tumors (tumors of the female genital organs excepted)																												
47. Rheumatism, acute, articular																												
48. Rheumatism, chronic, and gout.	2																	1			1					2		
49. Scorbutus																												
50. Diabetes	11	1										2		1	2		3	2			1					8	3	
51. Goltre, exophthalmic	1	1									1																1	
52. Addison's disease	1																	1									1	
53. Leukemia																												
54. Anemia, chlorosis	3	1						1						1	1											1	2	
55. Other general diseases																												
56. Alcoholism, acute and chronic.	5	1												1	3				1							4	1	
57. Saturnism																												
58. Other trade intoxications																												
59. Other chronic poisonings																												
Total general diseases	249	27	15	16	8	10	4	53	14	3	4	17	16	14	20	21	16	16	11	14	13	9	5	2	1	138	111	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis																												
61. Meningitis, simple	7		1	2	1			4		1		1				1										2	5	
61a. Meningitis, epidemic cerebro-spinal	3			1	1	1		3																		1	2	
62. Locomotor ataxia, progressive	1															1										1		
63. Other diseases of the spinal cord	2															1				1						2		
64. Cerebral congestion and hemorrhage	61	4									1	2	1	4	7	5	14	7	8	6	4	2			30	31		
65. Cerebral softening	2																			1		1			1	1		
66. Paralysis, without cause assigned																												
67. General paralysis	6										1		2	1	2											4	2	
68. Other forms of mental alienation	3													1	1	1										1	2	
69. Epilepsy	1		1					1																		1		
70. Eclampsia (non-puerperal)																												
71. Convulsions of children	5		2	3				5																		2	3	
72. Tetanus	1	1								1																1		
73. Chorea																												
74. Other diseases of the nervous system	6	3									1		3	1					1							1	5	
75. Diseases of the eye and appendages																												
76. Diseases of the ear	2		1					1		1																1	1	
Total of the nervous system, etc.,	100	8	4	7	2	1		14		2	1	3	1	5	5	8	11	5	14	8	10	6	5	2		46	54	
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis	2							1	1	1																	2	
78. Endocarditis, acute	15		1	1				2			1		2		2	1	2	2	1	1			1			9	6	
79. Organic diseases of the heart	167	8							1	1	1	2	5	7	8	6	10	5	8	9	4	18	8	9	4	1	58	49

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for December, 1909.	Deaths of non-residents.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory Apparatus.—Concluded.																														
80. Angina pectoris	8	1														1		1	2		2	1	1						5	3
81. Diseases of the arteries (atheroma, aneurism, etc.)	13	1													1						4	3	2			3			7	
82. Embolism and thrombosis	6																1			1		2	1	1					4	2
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	2																	1			1								2	
84. Diseases of the lymphatic system (lymphangitis, etc.)																														
85. Hemorrhages	1	1	1					1																					1	
86. Other diseases of the circulatory apparatus																														
Total of circulatory apparatus	154	11	2	1				1	4	2	1	2	2	5	10	8	10	12	8	13	11	13	23	12	10	7	1	86	68	
IV. Diseases of the Respiratory Apparatus.																														
87. Diseases of the nasal fossae																														
88. Diseases of the larynx	2					1		1	1																				1	1
89. Diseases of the thyroid body																														
90. Bronchitis, acute	12		6					6								1								2	3				6	6
91. Bronchitis, chronic	7	1														1			1	1				3	1				4	3
92. Broncho-pneumonia	40	4	17	10	3			30				1			1	1	1	1	1					2	2				21	19
93. Pneumonia	108	16	10	7	5	3	1	26	1	1	2	2	3	6	8	9	5	3	7	10	8	10	3	1	2	1		56	52	
94. Pleurisy	2																	1		1								1	1	
95. Pulmonary congestion and apoplexy	1																									1			1	
96. Gangrene of the lung	1																		1										1	
97. Asthma	2																			1					1				1	1
98. Emphysema, pulmonary																					1									
99. Other diseases of the respiratory apparatus (phtisis excepted)	1																				1								1	
Total respiratory apparatus	176	21	33	17	8	4	1	63	2	1	2	3	3	6	9	12	7	5	10	13	8	10	10	8	3	1		92	84	
V. Diseases of the Digestive Apparatus.																														
100. Diseases of the mouth and its adnexa,																														
101. Diseases of the pharynx	1																				1									
102. Diseases of the esophagus																														
103. Ulcer of the stomach	2												1	1															1	1
104. Other diseases of the stomach (cancer excepted)	8	1	4	1				5									1						1		1				6	2
105. Diarrhea and enteritis (under two years)	19	2	15	4				19																					13	6
(a) Diarrhea and enteritis, chronic (under two years)	2	1	1	1				2																					2	
106. Diarrhea and enteritis (two years and over)	6	1			1			1						1			1			1	1	1						4	2	
107. Parasites, intestinal																														
108. Hernia, intestinal obstructions	8	5		1				1			2							1	1	1	2								2	6
109. Other diseases of the intestines	2	1														1		1											1	1
110. Acute yellow atrophy of the liver																														
111. Hydatid tumors of the liver																														
112. Cirrhosis of the liver	6																1	1		1	2	1							4	2
113. Biliary calculi	3	2															1					1			1				1	2
114. Other diseases of the liver	3	1													1		2												1	2
115. Diseases of the spleen																														
116. Peritonitis, simple (puerperal excepted),	2														1						1								1	1

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.																		AGE.																		SEX.	
Total Mortality for December, 1906. Deaths of non-residents.																																				Male.	Female.

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	1909	Date of death.	Additional deaths of non-residents.	AGE.															SEX.					
																			Males.	Females.				
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	Color.	Condition.	Nativity.	Parentage.
179. Non-specified or ill-defined causes of death	Oct.	1	1				1												White	Single	U. S.	One parent unknown	1	
161. Congenital debility, etc.	Nov.	1	1				1												"	"	"	"		1
164. Fractures	"	1															1		"	unknown	Russia	unknown	1	
Stillbirths (3)	"																							
Corrections for 1909. Deduct the following from the monthly statements.																								
27. Tubercle of the lungs.	Mar.														1				White	Married	U. S.	U. S.	1	
167. Burns and scalds	Jan.																		"	Single	"	Italy		1

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF DECEMBER, 1909, AND FOR THE CORRESPONDING MONTH IN 1908.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	DEC., 1909.	DEC., 1908.	DEC., 1909.	DEC., 1908.		DEC., 1909.	DEC., 1908.	DEC., 1909.	DEC., 1908.
Cholera	—	—	—	—	Measles	335	112	—	—
Chicken-pox	103	162	—	—	Scarlatina	181	249	—	1
Cerebro-spinal Meningitis	7	9	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	372	365	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	259	208	—	—	Typhoid fever	43	92	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	322	Cattle Condemned, 1 and parts, 336 lbs.
Calves "	941	Calves " 7 224 "
Sheep "	—	Sheep " — " "
Hogs "	3,664	Hogs " 4 and parts, 2,246 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.	VEGETABLES.	
	lbs.			
Veal (immature) — lbs.	85 lbs.	Miscellaneous, 191 bush.		
" (tainted) — "		Fruit	2½ "	
Poultry " 564 "				
Mutton " 13 "				
Beef " 8 "				
Pork " 35 "				
Rabbits, " 549 "				

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	535
" "	" " Wagons	774
" "	" brought in by Citizens	12
" "	" for bacteriological examination, 576	
" "	Vinegar	93
" "	Butter and Cheese	141
Total Samples,		2,131

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	278	GLANDERS:	Positive	8
	Positive for release	302		Negative	8
	Negative for diagnosis	2,492		Unsatisfactory	3 19
	Negative for release	474			
	"No growth" cultures	11 . . 3,557	Other examinations: * Positive	44	
TUBERCULOSIS:	Positive	105		Negative	99
	Negative	349		Unsatisfactory	2 145
	Unsatisfactory	0 . . 454	BACTERIOLOGICAL MILK EXAMINATIONS	576	
TYPHOID:	Positive	18			
	Negative	76			
	Unsatisfactory	8 . . 102	Total	4,853	

Special work: Milk products for T. B., disinfection experiments, agglutination test for glanders (1).

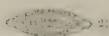
Gonorrhea, Ophthalmia, Malaria, K. L. Virulence, Genito-urinary T. B., etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of December, 1909, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.98	32	55	N.	0	Mean Barometer, 29.89.
2	29.94	35	88	N.	*T	Highest Barometer, 30.56 on the 12th.
3	29.92	37	76	N.	0	Lowest Barometer, 28.38 on the 26th.
4	29.88	40	80	N.W.	0	Monthly Range of Barometer, 1.58.
5	29.98	43	72	N.W.	0	Mean Temperature, 30.8°.
6	30.02	46	68	W.	0	Highest Temperature, 56° on the 6th.
7	29.92	38	78	W. & S.E.	.34	Lowest Temperature, 4° on the 31st.
8	29.70	34	56	W.	.06	Monthly Range of Temperature, 52°.
9	29.84	28	57	W.	0	Greatest Daily Range of Temperature, 20° on the 6th.
10	29.95	30	63	W.	0	Least Daily Range of Temperature, 4° on the 2d.
11	30.27	29	72	N.W.	0	Mean Daily Range of Temperature, 11.4°.
12	30.52	24	68	N.W.	0	Mean Daily Dew-point, 21.2°.
13	30.34	33	80	N. & S.E.	.34	Mean Daily Relative Humidity, 69.9.
14	29.64	46	82	W.	.84	Prevailing Direction of Wind, W.
15	29.70	40	71	W.	0	Total Movement of Wind, 9,403 miles.
16	29.68	38	66	W.	0	Highest Velocity of Wind and Direction, 45—N.E. on the 26th.
17	29.82	34	58	W.	0	Number of Foggy Days, none. Number of Fair Days, 7.
18	29.72	30	54	W.	0	Number of Clear Days, 17. Number of Cloudy Days, 7.
19	29.80	28	64	W.	0	Total Number of Days on which Rain or Snow fell, 10.
20	29.95	28	60	W.	0	Depth of Unmelted Snow on ground at end of month, 9.2.
21	29.92	27	57	W.	0	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.70	27	63	W.	*T	Dates of Solar Halos, none. Thunder Storms, none.
23	29.82	32	62	N.W.	0	Dates of Frosts, —
24	30.03	28	56	N.W.	*T	Mean Maximum Temperature, 35.4. Mean Minimum Temperature, 25.1.
25	29.80	26	81	E.	.17	MEAN TEMPERATURE for this month in
26	29.03	29	100	N.	1.34	1871 38
27	29.52	24	80	W.	0	1872 23
28	29.66	23	70	W.	0	1873 32
29	29.62	20	83	N. W.	*T	1874 31
30	29.80	10	76	W.	0	1875 30
31	30.20	14	63	W.	0	1876 22
TOTALS.....	—	—	—	—	3.19	1877 36
MEANS.....	29.89	30.8	66	W.	—	1878 30
						1879 32
						1880 27
						1881 39
						1882 36
						1883 29
						1884 34
						1885 33
						1886 28
						1887 33
						1888 35
						1889 38
						1890 26
						1891 40
						1892 30
						1893 30
						1894 32
						1895 36
						1896 30
						1897 34
						1898 32
						1899 26
						1900 33
						1901 32
						1902 28
						1903 29
						1904 26
						1905 35
						1906 29
						1907 37
						1908 33
						1909 31

Average mean temperature for 39 years, 31.5°. Average monthly precipitation for 39 years, 3.35 inches. *T indicates trace of precipitation.



HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of January, 1910.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of January, 1910	1,064
Population estimated at 629,868	Rate per 1,000 inhabitants, 19.89
Deaths of non-residents, 125	*Corrected rate per 1,000 inhabitants, 17.55

Total number 1,064

SEX.

Males 544
Females 520

CONDITION.

Single 464
Married 359
Widowed 221
Divorced 6
Unknown 14

COLOR.

White 1,028
Black (Negro or mixed) 34
Chinese 1
Indian 1

Total deaths of children, {
Under 1 year 162
Under 2 years 195
Under 5 years 235

NATIVITY.

United States 649
Ireland 200
England and Wales 29
Scotland 1
Germany 19
British America 78
Italy 18
Russia and Poland 24
Sweden and Norway 14
Other Countries 14
Unknown 18

PARENTAGE.

United States 246
Irish 336
English and Welsh 23
Scotch 5
German 25
British American 56
Italian 49
Russian and Polish 54
Swedish 18
Both parents foreign 56
One parent foreign 68
One parent unknown 48
Unknown 80
Still-births during the month 69

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	AGE.																											SEX.	
	Total Mortality for January, 1910.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.																													
1. Typhoid fever	2	1		1				1										1										2	
2. Exanthematous typhus																													
3. Recurrent fever																													
4. Intermittent fever and malarial cachexia (a) Malarial cachexia*																													
5. Smallpox																													
6. Measles	7	1	1	3	3			7																				3	4
7. Scarlet fever	4	1			1	1		2	2																			1	3
8. Whooping cough	3		2	1				3																				1	2
9. Diphtheria and croup	17		4	2	1	5	1	13	3						1													12	5
10. Influenza	7	1	1					1	1						1	1		1	1		1							4	3
11. Miliary fever																													
12. Asiatic cholera																													
13. Cholera nostras																													
14. Dysentery																													
15. Plague																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	7		2				2								1	2	1					1						4	3
19. Other epidemic diseases																													
20. Purulent infection and septicemia	1		1				1																					1	
21. Glanders																													
22. Anthrax	1													1														1	
23. Rabies																													
24. Tetanus																													
25. Mycoses																													
26. Pellagra																													
27. Beriberi																													
28. Tuberculosis of the lungs	100	6	1		1	1	3		1	3	10	16	16	15	14	4	8	3	2	1	2		2					58	42
29. Acute miliary tuberculosis	1	1		1			1																					1	
30. Tuberculous meningitis	11		2	5	3	1	11																					5	6
31. Abdominal tuberculosis	2													1			1											2	
32. Pott's disease	1							1																				1	
33. White swelling																													
34. Tuberculosis of other organs	1	1														1												1	
35. Disseminated tuberculosis	2	2						1	1																			1	1
36. Rickets																													
37. Syphilis	1		1				1																					1	
38. Gonococcus infection																													
39. Cancer and other malignant tumors of the buccal cavity	1	1																				1						1	
40. Cancer and other malignant tumors of the stomach, liver	21	3									2		2		2	2	4	4	3	1	1							8	13
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	8	3									1		1		2	2		1	1									4	4
42. Cancer and other malignant tumors of the female genital organs	11	3									1	1	1	2	1	2	1		1		1							11	
43. Cancer and other malignant tumors of the breast	4	1												1	1	1	1											4	
44. Cancer and other malignant tumors of the skin	2																				1			1				1	1
45. Cancer and other malignant tumors of other organs and of organs not specified	9	5							1						1	1				2	1	2		1				5	4

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1910. Deaths of non-residents.		AGE.																				SEX.					
																							Males.	Females.				
Under 1 year.			1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
I. General Diseases.—Concluded.																												
46. Other tumors (tumors of the female genital organs excepted)	2												1		1											1	1	
47. Acute articular rheumatism	2														1	1										2		
48. Chronic rheumatism and gout																												
49. Scurvy																												
50. Diabetes	9	4						1		1						1	1			3	1			1		2	7	
51. Exophthalmic goitre																												
52. Addison's disease																												
53. Leuchæmia	1																			1						1		
54. Anæmia, chlorosis	8	1	1					1							1		2	1		1		1	1			4	4	
55. Other general diseases	1							1																			1	
56. Alcoholism (acute or chronic)	10	1										1	2		1	4	1		1							6	4	
57. Chronic lead poisoning																												
58. Other chronic occupation poisonings																												
59. Other chronic poisonings																												
Totals of general diseases	257	86	16	18	9	8	1	47	10	2	4	11	18	21	23	25	16	19	12	9	14	12	5	7	2		131	126
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis																												
61. Meningitis	10	2	2	1	1	1	7	1						1		1											5	5
1. Simple meningitis.	6		2	2			4				1					1										2	4	
2. Cerebro-spinal meningitis (undefined)	1					1	1																			1		
3. Cerebro-spinal fever	1																									1		
62. Locomotor ataxia	1																			1						1		
63. Other diseases of the spinal cord	3	1										1			1				1							2	1	
64. Cerebral hemorrhage, apoplexy	51	5	3					3					3	2	1	1	2	3	8	6	7	8	2	5		15	36	
65. Softening of the brain	2																			1	1					1	1	
66. Paralysis without specified cause	2																		1		1					2		
67. General paralysis of the insane	7														2	1	1		1	2						4	3	
68. Other forms of mental alienation																												
69. Epilepsy	1														1											1		
70. Convulsions (non-puerperal)																												
71. Convulsions of infants	7		6	1				7																			5	2
72. Chorea																												
73. Neuralgia and Neuritis	2													1			1									1	1	
74. Other diseases of the nervous system	7	3	1		1			2	1					2	2												6	1
75. Diseases of the eyes and their annexa																												
76. Diseases of the ears	1	1									1																1	
Totals of nervous system, etc.,	101	10	14	5	2	2	1	24	2		2			6	5	5	4	4	4	10	8	10	10	2	5		44	57
III. Diseases of the Circulatory System.																												
77. Pericarditis	8														1		1					1					3	
78. Acute endocarditis	14	1					1	1		1	2		1	1		2	2		2	1			1				6	8
79. Organic diseases of the heart	153	19							2	3	6	1	2	5	8	11	9	16	12	21	17	16	19	4	6	1	79	84
80. Angina pectoris	3	1														1				2							3	
81. Diseases of the arteries, atheroma, aneurism, etc.	12															1	1			2	2		3	3		3	7	
82. Embolism and thrombosis	8													1	1	1			1	2		1	1				2	6

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

Total Mortality for January, 1910.	Deaths of non residents.	AGE.																			SEX.							
		Under 1 year.	1 year and under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.					
2										1				1									1	1				
106	21				1	1	2	4	8	1	3	7	10	13	11	18	15	25	21	13	22	7	9	1	84	169		
1					1																		1					
14		8	1			9						1					1	2		1				5	9			
5			1			1									1	2				1				2	2			
49	1	14	2	4		2	33	2					1	1	4	1	2	2	2	5	1		1	16	29			
119	8	15	8	1	2	1	27	2	1		2	6	9	9	11	10	4	8	13	9	3	2	2	1	71	48		
4	2										1	1							1	1					8	1		
2	1														1					1					1	1		
1															1										1			
1																			1						1			
193	12	37	13	5	3	3	61	4	1		3	7	9	10	12	11	11	11	16	14	8	9	4	2	162	91		
1		1					1																			1		
2	1	1					1				1															1	1	
3			1	1			2									1										3		
11	2	11					11																			6		
7														1	2		1	1				1	1			5	2	
9	4							1	1		1	1	1	2	1				1							4	5	
5																			2		2	1				3	2	
1																			1								1	
1	1	1										1															1	
8	1												3			1		2	1		1					4	4	
6	1												2			1		2	1							4	2	
1																				1							1	
3																1		1	1								1	2
5																1	1				1					4	1	
3	2												1			1				1						1	2	
60	11	14	1				15	2	2	1	1	2	4	1	3	4	5	1	7	3	4	3	1	1		34	26	

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.		AGE.																				SEX.									
		Total Mortality for January, 1910.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
VI. Non-venereal Diseases of the Genito-Urinary System and Annæxa.																															
119.	Acute nephritis	3															1			1		1						1	2		
120.	Bright's disease	63	3								1			2	3	3	4	12	6	11	4	5	5	4	3			36	57		
121.	Chyluria																														
122.	Other diseases of the kidneys and annæxa	1															1											1			
123.	Calculi of the urinary passages																														
124.	Diseases of the bladder	2	1														1							1				1	1		
125.	Other diseases of the urethra, urinary abscess, etc.																														
126.	Diseases of the prostate	4	5																		1	1	2					4			
127.	Non-venereal diseases of the male genital organs																														
128.	Uterine hemorrhage (non-puerperal)																														
129.	Uterine tumor (non-cancerous)	2	1													2													2		
130.	Other diseases of the uterus																														
131.	Cysts and other tumors of the ovary	3	2								1			1			1												3		
132.	Salpingitis and other diseases of the female genital organs	2										2																	2		
133.	Non-puerperal diseases of the breast (cancer excepted)																														
Totals of genito-urinary system		86	10								1	3		2	4	6	5	14	6	11	6	6	3	4	3			43	57		
VII. Puerperal State.																															
134.	Accidents of pregnancy	1										1																			
135.	Puerperal hemorrhage																														
136.	Other accidents of labor	1														1													1		
137.	Puerperal septicæmia	2	1										1	1															2		
138.	Puerperal albuminuria and convulsions	4	2								1		1	1	1														4		
139.	Puerperal phlegmasia alba dolens, embolus, sudden death	1														1													1		
140.	Following child birth (not otherwise defined)																														
141.	Puerperal diseases of the breast	1	1										1																1		
Totals of puerperal state		10	4								1	3	2	2	2														10		
VIII. Diseases of the Skin and of the Cellular Tissue.																															
142.	Gangrene	3																1	1		1								3		
143.	Furuncle	2															1		1										2		
144.	Acute abscess	1			1			1																					1		
145.	Other diseases of the skin and annæxa,																														
Totals of skin tissue		6			1			1								1		2	1		1								6		
IX. Diseases of the Bones and of the Organs of Locomotion.																															
146.	Diseases of the bones (tuberculosis excepted)	3	1	1				1					1		1														2	1	
147.	Diseases of the joints (tuberculosis and rheumatism excepted)	2	1																1	1									1	1	
148.	Amputations																														
149.	Other diseases of the organs of locomotion																														
Totals of bones and organs of locomotion,		5	2	1				1						1		1			1	1									3	2	
X. Malformations.																															
150.	Congenital malformations (still-births not included)	13	2	12	1			13																					5	3	
XI. Diseases of Early Infancy.																															
151.	Congenital debility, icterus, and scleporia	47	6	47				47																					29	18	
152.	Other diseases peculiar to early infancy,	15	1	15				15																						8	7

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Monthly for January, 1910.		Deaths of non-residents.	AGE.																	SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Male.	Female.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
XI. Diseases of Early Infancy.—Concluded.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
153. Lack of care																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Date of death. 1909.	Additional deaths, Deaths of non-residents.	AGE.																	SEX.					
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	Color.	Condition.	Nationality.	Parentage.	Males.	Females.
164. Fractures	Nov.	1																		White	Unk.	Unk.	Unk.	1	
131. Congenital debility, icterus and sclerema	Dec.	1	1					1												White	Single	U. S.	U. S.	1	
166. Other accidental traumatism	Dec.	1											1							White	Unk.	Unk.	Unk.	.1	
172. Accidental submersion	Dec.	8	1									1	1						1	White	Unk. Single	Unk. B. A. 2	Unk. B. A. 2	8	
178. Sudden death	Dec.	1													1					White	Single	Unk.	Unk.	1	

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JANUARY, 1910, AND FOR THE CORRESPONDING MONTH IN 1909.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Jan. 1910.	Jan. 1909.	Jan. 1910.	Jan. 1909.		Jan. 1910.	Jan. 1909.	Jan. 1910.	Jan. 1909.
	Total	Non-res.	Total	Non-res.		Total	Non-res.	Total	Non-res.
Cholera	—	—	—	—	Measles	424	211	—	—
Chicken-pox	125	—	177	—	Scarlatina	280	19	289	—
Cerebro-spinal meningitis	11	—	2	—	Smallpox	1	—	—	—
Diphtheria and croup	246	8	291	—	Typhus fever	—	—	—	—
Pulmonary and laryngeal tuberculosis	278	9	256	—	Typhoid fever	21	2	52	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	261	Cattle Condemed (parts), 273 lbs.
Calves "	1,891	Calves " (13), 406 "
Sheep "	—	Sheep " — — "
Hogs "	2,882	Hogs " (3 and parts), 1,220 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immature) 272 lbs.	
" (tainted) — "	
Poultry " 80 "	
Mutton " 29 "	
Beef " 1,420 "	Lobsters, 100
Pork " 450 "	Eggs, 150 doz.

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	525
" "	" " Wagons	563
" "	" brought in by Citizens	22
" "	" for bacteriological examination,	624
" "	Vinegar	48
" "	Butter and Cheese	124
	Total Samples,	1,906

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	168	GLANDERS:	Positive	7
	Positive for release	185		Negative	8
	Negative for diagnosis	1,421		Unsatisfactory	2 17
	Negative for release	384			
	"No growth" cultures	7 2,115	Other examinations: * Positive		65
TUBERCULOSIS:	Positive	102		Negative	87
	Negative	430		Unsatisfactory	1 153
	Unsatisfactory	0 532	BACTERIOLOGICAL MILK EXAMINATIONS		629
TYPHOID:	Positive	12			
	Negative	106			
	Unsatisfactory	3 121			
SPECIAL WORK:	Milk products for T B; Disinfection Experiments.		Total		3,567

* Gonorrhoea, Ophthalmia, Malaria, K L Vir., Pneumococcus, G. U. T B, etc.

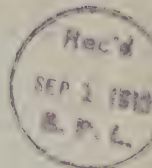
METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of January, 1910, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.18	27	70	S.W.	0	Mean Barometer, 30.09.
2	29.80	40	74	S.W. & W.	0	Highest Barometer, 30.84 on the 5th.
3	29.92	30	70	W.	.05	Lowest Barometer, 29.15 on the 29th.
4	30.53	12	58	N.W.	0	Monthly Range of Barometer, 1.69.
5	30.61	13	84	N.W.	.11	Mean Temperature, 32.0°.
6	29.94	35	95	S.W.	.69	Highest Temperature, 57° on the 22d.
7	30.01	33	82	N.W.	.91	Lowest Temperature, 3° on the 4th and 5th.
8	30.64	26	67	W.	0	Monthly Range of Temperature, 69°.
9	30.33	28	65	S.W.	0	Greatest Daily Range of Temperature, 30° on the 4th.
10	30.40	26	74	N.	.06	Least Daily Range of Temperature, 4° on the 31st.
11	30.58	24	62	W.	0	Mean Daily Range of Temperature, 14.1°.
12	30.56	23	74	W.	0	Mean Daily Dew-point, 25.0°.
13	30.53	28	70	N.W.	0	Mean Daily Relative Humidity, 75.4.
14	30.46	23	91	N. E.	.53	Prevailing Direction of Wind, W.
15	30.22	23	73	N.	.10	Total Movement of Wind, 8,588 miles.
16	30.30	34	38	N.W.	0	Highest Velocity of Wind and Direction, 42—S.E. on the 21st.
17	30.27	30	72	N.W.	0	Number of Foggy Days, 4. Number of Fair Days, 9.
18	29.80	40	94	S.W.	.28	Number of Clear Days, 6. Number of Cloudy Days, 10.
19	29.94	40	80	W.	.05	Total Number of Days on which Rain or Snow fell, 15.
20	30.22	37	66	W.	0	Depth of Unmelted Snow on ground at end of month, T.
21	29.97	44	92	S. E.	.03	Dates of Auroras, none. Dates of Lunar Halos, 20th.
22	29.63	48	94	S.W.	.37	Dates of Solar Halos, none. Thunder Storms, none.
23	30.06	38	69	S.W.	0	Dates of Frosts, —
24	30.14	36	93	S. E.	0	Mean Maximum Temperature, 39.1. Mean Minimum Temperature, 24.9.
25	29.99	37	98	N. E.	.40	MEAN TEMPERATURE for this month in
26	29.89	40	80	W.	0	1871 26
27	29.42	35	86	W.	.01	1872 27
28	29.66	37	70	W.	*T	1873 25
29	29.31	35	94	N. E.	.65	1874 30
30	29.94	32	66	W.	.01	1875 20
31	30.01	32	88	N.	0	1876 31
TOTALS.....	933.83	990	2,869	W.	4.25	1877 25
MEANS.....	30.11	31.9	76.4	—	0.14	1878 24
						1879 35
						1880 22
						1881 26
						1882 26
						1883 24
						1884 24
						1885 27
						1886 26
						1887 25
						1888 20
						1889 36
						1890 32
						1891 31
						1892 28
						1893 21
						1894 30
						1895 29
						1896 25
						1897 28
						1898 29
						1899 29
						1900 30
						1901 28
						1902 27
						1903 27
						1904 22
						1905 25
						1906 36
						1907 27
						1908 31
						1909 30
						1910 33
						1871 0.92
						1872 2.11
						1873 5.76
						1874 4.32
						1875 3.68
						1876 1.87
						1877 3.33
						1878 7.60
						1879 2.79
						1880 3.72
						1881 7.21
						1882 3.68
						1883 3.59
						1884 6.27
						1885 5.83
						1886 7.08
						1887 4.63
						1888 2.16
						1889 4.11
						1890 2.00
						1891 4.39
						1892 4.62
						1893 2.56
						1894 3.01
						1895 3.79
						1896 2.25
						1897 3.16
						1898 3.50
						1899 4.19
						1900 4.20
						1901 1.56
						1902 1.65
						1903 3.43
						1904 4.80
						1905 4.09
						1906 2.96
						1907 2.54
						1908 2.47
						1909 3.49
						1910 4.25

Average mean temperature for 40 years, 27°. Average monthly precipitation for 40 years, 3.73 inches. * T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of February, 1910.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 8, 1909.)

Deaths during the month of February, 1910	1,020
Population estimated at 629,868	Rate per 1,000 inhabitants, 21.11
Deaths of non-residents, 112	*Corrected rate per 1,000 inhabitants, 18.79

Total number 1,020

SEX.

Males	543
Females	477

CONDITION.

Single	465
Married	337
Widowed	199
Divorced	6
Unknown	13

COLOR.

White	988
Black (Negro or mixed)	29
Chinese	3

Total deaths of children,	Under 1 year	180
	Under 2 years	212
	Under 5 years	245

NATIVITY.

United States	622
Ireland	174
England and Wales	20
Scotland	7
Germany	22
British America	98
Italy	16
Russia and Poland	25
Sweden and Norway	13
Other Countries	15
Unknown	13

PARENTAGE.

United States	209
Irish	294
English and Welsh	22
Scotch	13
German	31
British American	65
Italian	54
Russian and Polish	40
Swedish	17
Both parents foreign	48
One parent foreign	78
One parent unknown	71
Unknown	75
Still-births during the month	53

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for February, 1910. Deaths. Population.	AGE.																		SEX.			
																				Males.	Females.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and over.	
I. General Diseases.																							
1. Typhoid fever	3								1	1	1									2	1		
2. Exanthematous typhus																							
3. Recurrent fever																							
4. Intermittent fever and malarial cachexia (a) Malarial cachexia																							
5. Smallpox																							
6. Measles	11	3	3	3				9	2											5	6		
7. Scarlet fever	7	2	1	1		2		4	2	1											4	3	
8. Whooping cough	2		1	1				2													2		
9. Diphtheria and croup	18	1	1	4		2	1	8	7	1				1		1					7	11	
10. Influenza	10	1	1	1				2							2	1		2	1	1		6	4
11. Miliary fever																							
12. Asiatic cholera																							
13. Cholera nostras																							
14. Dysentery																							
15. Plague																							
16. Yellow fever																							
17. Leprosy																							
18. Erysipelas	6	2					2								1	1	1				1	5	1
19. Other epidemic diseases																							
20. Purulent infection and septicemia	5	1	3				3										1		1		1	4	
21. Glanders																							
22. Anthrax																							
23. Rabies																							
24. Tetanus																							
25. Mycoses																							
26. Pellagra																							
27. Beriberi																							
28. Tuberculosis of the lungs	103	4	1		1	3		2	7	10	13	16	13	13	11	7		4	3	1		67	36
29. Acute miliary tuberculosis	1	1				1																1	
30. Tuberculous meningitis	5	1		1	2	1	4						1									2	3
31. Abdominal tuberculosis																							
32. Pott's disease	3	2		1		1	1				1											1	2
33. White swelling	1	1					1															1	
34. Tuberculosis of other organs	3	2	1			1					1	1										2	1
35. Disseminated tuberculosis																							
36. Rickets																							
37. Syphilis	5	1	4			4					1											3	2
38. Gonorrheal infection																							
39. Cancer and other malignant tumors of the buccal cavity	3													1			1		1			3	
40. Cancer and other malignant tumors of the stomach, liver	22									1			1	4	2	2	7	3	1	1		12	10
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	18	1							1					3	4	2	3	3	1	1		5	13
42. Cancer and other malignant tumors of the female genital organs	11	4										2	1	3	1	1		1	2			11	
43. Cancer and other malignant tumors of the breast	3	1												1		1				1		3	
44. Cancer and other malignant tumors of the skin	1																			1		1	
45. Cancer and other malignant tumors of other organs and of organs not specified	15	3										3		4	1	3	2		1	1		9	6

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1910.		Deaths of non-residents.	AGE.																				SEX.							
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																															
46. Other tumors (tumors of the female genital organs excepted)	2																	1			1								1	1	
47. Acute articular rheumatism	3								1											1		1							1		
48. Chronic rheumatism and gout	1																								1					1	
49. Scurvy																															
50. Diabetes	10								1		1						2			1	2	2	1						5	5	
51. Exophthalmic goitre																															
52. Addison's disease																															
53. Leuchæmia	3	3								1									1					1					3		
54. Anæmia, chlorosis	4									1										1		1			1				2	2	
55. Other general diseases	2	1	1						1			1																	2		
56. Alcoholism (acute or chronic)	6												1				3	1		1									5	1	
57. Chronic lead poisoning																															
58. Other chronic occupation poisonings																															
59. Other chronic poisonings																															
Totals of general diseases	287	28	20	11	5	6	3	45	16	5	10	13	15	18	19	23	20	22	11	25	16	9	7	3		1	158	129			
II. Diseases of the Nervous System and of the Organs of Sense.																															
60. Encephalitis																															
61. Meningitis {	15	2	6	3	1				10	1		1		1			1		1										8	7	
	4					1	1	2		1										1									2	2	
	1			1					1																				1		
62. Locomotor ataxia																															
63. Other diseases of the spinal cord	4	1															1				2	1							2	2	
64. Cerebral hemorrhage, apoplexy	46	3															1	2	4	7	7	5	5	9	4	2			19	27	
65. Softening of the brain																															
66. Paralysis without specified cause	1																				1								1		
67. General paralysis of the insane	7	1															2	1		1	1	2							6	1	
68. Other forms of mental alienation	2																1								1				1	1	
69. Epilepsy	4	1	1						1	1					1						1								1	3	
70. Convulsions (non-puerperal)																															
71. Convulsions of infants	3		3						3																				1	2	
72. Chorea																															
73. Neuralgia and Neuritis																															
74. Other diseases of the nervous system	5									1		1									1	1	1						2	3	
75. Diseases of the eyes and their annexa	1														1														1		
76. Diseases of the ears	4	1		1					1							1				1	1								3	1	
Totals of nervous system, etc.,	97	9	10	5	1	1	1	18	3	1	2	2	1	3	5	2	6	12	12	8	6	10	4	2					47	50	
III. Diseases of the Circulatory System.																															
77. Pericarditis																															
78. Acute endocarditis	16									1	1	1		1	2	1		1	2		1	1	1	2		1			6	10	
79. Organic diseases of the heart	107	9				1	1		3	3	1		3	8	4	7	7	7	7	13	15	6	11	7	1				51	56	
80. Angina pectoris	2																				1								1	1	
81. Diseases of the arteries, atheroma, aneurism, etc.	12													1			2	1	3			1	1	1	2				8	4	
82. Embolism and thrombosis	3	1														1	1					1	1	1					2	3	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for February, 1910.		Deaths of non-residents.		AGE.																					SEX.			
					Under 1 year.	1 year and under 4 years.	4 years and under 8 years.	8 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
III. Diseases of the Circulatory Sys- tem.—Concluded.																													
83. Diseases of the veins (varices, hemor- roids, phlebitis, etc.)	1	1												1												1			
84. Diseases of the lymphatic system (lymphangitis, etc.)																													
85. Hemorrhage; other diseases of the cir- culatory system	1					1		1																	1				
Totals of circulatory system	144	11				1	1	2	1	4	4	1	1	5	11	5	9	11	8	12	15	21	10	13	10	1	69	75	
IV. Diseases of the Respiratory Sys- tem.																													
86. Diseases of the nasal fossae																													
87. Diseases of the larynx	1																1										1		
88. Diseases of the thyroid body																													
89. Acute bronchitis	19	1	8	1		1		10							1	1			1	3		2				1	7	13	
90. Chronic bronchitis	3	1														1											1	2	
91. Broncho-pneumonia	29	4	12	4		1		17					1		3		1	1	2	2	1		1				15	14	
92. Pneumonia	118	10	18	7	6	2		33	2		2	2	7	8	5	6	6	10	2	8	9	5	8	2	8		65	53	
93. Pleurisy	8	1	1					1				1	1		1	3			1								4	4	
94. Pulmonary congestion, pulmonary apoplexy	1																	1									1		
95. Gangrene of the lung																													
96. Asthma	2		1				1															1					1	1	
97. Pulmonary emphysema																													
98. Other diseases of the respiratory sys- tem (tuberculosis excepted)																													
Totals of respiratory system	181	17	40	12	6	4		62	2		2	3	8	8	7	10	11	11	5	10	14	8	13	2	4	1	94	87	
V. Diseases of the Digestive System.																													
99. Diseases of the mouth and annexa																													
100. Diseases of the pharynx																													
101. Diseases of the oesophagus																													
102. Ulcer of the stomach	4	1										1		1				1		1							1	3	
103. Other diseases of the stomach (cancer excepted)	9		6				6							1					1						1		5	4	
104. Diarrhoea and enteritis (under two years)	20	2	17	8				20																				14	6
105. Diarrhoea and enteritis (two years and over)	6	3													1	1	1			1	1		1				3	3	
106. Ankylostomiasis																													
107. Intestinal parasites																													
108. Appendicitis and typhlitis	9	4						2	1	1	1	1		1	1				1								4	5	
109. Hernias, intestinal obstructions	6	3												1	1	1	1		1	1							5	1	
110. Other diseases of the intestine	1																				1							1	
111. Acute yellow atrophy of the liver																													
112. Hydatid tumor of the liver																													
113. Cirrhosis of the liver	4														1		1	1		1							3	1	
(a.) Due to alcoholism*	3																1			1							3		
114. Biliary calculi	1													1														1	
115. Other diseases of the liver	1																	1										1	
116. Diseases of the spleen																													
117. Simple peritonitis (non purperal)	2											1								1								1	1
118. Other diseases of the digestive system (cancer and tuberculosis excepted)																													
Totals of digestive system	68	13	23	8				26	2	1	1	2	2	5	4	2	4	2	4	4	2		1		1		33	25	

* Deaths under Intestinal headings are included in those of the main heading.

CAUSES OF DEATH.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1910. Deaths of non-residents.	AGE.																				SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
XI. Diseases of Early Infancy.—Concluded.																													
153. Lack of care																													
Totals of early infancy		63	7	63				63																			33	30	
XII. Old Age.																													
154. Senility		7	1															1	2		2	1	1			4	3		
XIII. Affections Produced by External Causes.																													
155. Suicide by poison		2								1					1												2		
156. Suicide by asphyxia		1										1															1		
157. Suicide by hanging or strangulation																													
158. Suicide by drowning																													
159. Suicide by firearms		1							1																		1		
160. Suicide by cutting or piercing instruments		1	1													1											1		
161. Suicide by jumping from a high place																													
162. Suicide by crushing																													
163. Other suicides																													
164. Poisoning by food																													
165. Other acute poisonings																													
166. Conflagration		5	1							1	1						1	1					1				3	2	
167. Burns (conflagration excepted)		8				1		1	1								1										1	2	
168. Absorption of deleterious gases (conflagration excepted)		7	1	1				1				1	1	1	1	1	1										5	2	
169. Accidental drowning		1										1															1		
170. Traumatism by firearms																													
171. Traumatism by cutting or piercing instruments		2	1									1				1											1	1	
172. Traumatism by fall		18	1	1				1	1				1	1	4				1	1	3						7	6	
173. Traumatism in mines and quarries																													
174. Traumatism by machines		1	1									1															1		
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)		9	6							1	2	1	1		1		1		1	1							9		
176. Injuries by animals		1											1														1		
177. Starvation																													
178. Excessive cold																													
179. Effects of heat																													
180. Lightning																													
181. Electricity (lightning excepted)																													
182. Homicide by firearms																													
183. Homicide by cutting or piercing instruments																													
184. Homicide by other means		1														1											1		
185. Fractures (cause not specified)		4									1	1		1	1												4		
186. Other external violence		3	2								1	1	1														1	2	
Totals of affections by external causes,		55	14	2		1		3	2		4	2	8	5	6	6	4	4	2	1	2	2	3	1			38	17	
XIV. Ill-defined Diseases.																													
187. Ill-defined organic disease		6	1	4		1		5								1											4	2	
188. Sudden death		3	1	1				1									1	1									3		
189. Cause of death not specified or ill-defined		8	1	4	1			5				1							2								3	5	
Totals of ill-defined diseases		17	3	9	1	1		11				1			1		1	1	2								10	7	
Totals from all causes,		1020	112	181	52	15	13	5	246	26	11	27	23	39	41	58	61	69	68	50	74	69	58	60	27	18	6	543	477

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Date of death.	Additional deaths. Deaths of non-residents.	AGE.																	SEX.				
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	Color.	Condition.	Nativity.	Parentage.	Males.	Females.
160. Suicide by cutting instruments.	1909 Aug.	1													1				White.	Unk.	Unk.	Unk.	1	

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF FEBRUARY, 1910, AND FOR THE CORRESPONDING MONTH IN 1909.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Feb. 1910.	Feb. 1909.	Feb. 1910.	Feb. 1909.		Feb. 1910.	Feb. 1909.	Feb. 1910.	Feb. 1909.
	Total	Non-res.	Total	Non-res.		Total	Non-res.	Total	Non-res.
Cholera	—	—	—	—	Measles	313	—	214	—
Chicken-pox	82	—	148	—	Scarlatina	145	6	238	—
Cerebro-spinal meningitis	7	—	1	—	Smallpox	—	—	—	—
Diphtheria and croup	259	8	229	—	Typhus fever	—	—	—	—
Pulmonary and laryngeal tuberculosis	236	7	191	—	Typhoid fever	28	—	11	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	147	Cattle Condemned (1 part), 56 lbs.
Calves "	844	Calves " (10), 342 "
Sheep "	—	Sheep " — "
Hogs "	2,295	Hogs " (3 and parts), 326 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 62 lbs.		
" (tainted) — "		
Poultry " 7 "		
	Lobsters, 2 lbs.	

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	376
" "	" " Wagons	447
" "	" brought in by Citizens	14
" "	" for bacteriological examination,	476
" "	Vinegar	104
" "	Butter and Cheese	77
	Total Samples,	1,494

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	193	GLANDERS:	Positive	5
	Positive for release	202		Negative	12
	Negative for diagnosis	1,134		Unsatisfactory	1
	Negative for release	362			18
	"No growth" cultures	11	1,902	Other examinations: * Positive	57
TUBERCULOSIS:	Positive	61		Negative	68
	Negative	413		Unsatisfactory	3
	Unsatisfactory	—	474		128
TYPHOID:	Positive	12		BACTERIOLOGICAL MILK EXAMINATIONS	476
	Negative	93			
	Unsatisfactory	3	108		
SPECIAL WORK:	Milk products for T B; Disinfection Experiments.			Total	3,106
	Examined cow feces for T B.				

* Gonorrhoea, Ophthalmia, Malaria, K L Vir., Pneumococcus, Gen. Urin. T B, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of February, 1910, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.00	38	53	N.	0	Mean Barometer, 30.08.
2	30.11	30	66	N.W.	0	Highest Barometer, 30.78 on the 26th.
3	29.97	34	82	S. E.	.21	Lowest Barometer, 29.49 on the 4th.
4	29.59	31	84	N.	.29	Monthly Range of Barometer, 1.29.
5	29.60	27	67	W.	0	Mean Temperature, 29.4°.
6	29.84	8	61	W.	0	Highest Temperature, 60° on the 16th.
7	30.16	7	63	N.W.	0	Lowest Temperature, 3° on the 6th and 7th.
8	30.17	26	50	S.W.	0	Monthly Range of Temperature, 63°.
9	29.95	40	78	S.W.	.10	Greatest Daily Range of Temperature, 81° on the 8th.
10	29.99	32	76	W.	.09	Least Daily Range of Temperature, 6° on the 4th.
11	30.26	21	74	E.	.15	Mean Daily Range of Temperature, 16.2°.
12	29.63	31	94	E. W.	1.07	Mean Daily Dew-point, 31.2°.
13	29.82	25	56	W.	0	Mean Daily Relative Humidity, 73.7.
14	30.04	27	68	W.	0	Prevailing Direction of Wind, W.
15	30.06	34	64	W.	0	Total Movement of Wind, 8,716 miles.
16	29.91	48	74	S.W.	0	Highest Velocity of Wind and Direction, 43 —N.E. on the 13th.
17	30.05	31	99	N. E.	.19	Number of Foggy Days, 1.
18	29.90	24	76	N.W.	.52	Number of Fair Days, 5.
19	30.54	20	68	W.	0	Number of Clear Days, 11.
20	30.54	31	68	S.W.	0	Number of Cloudy Days, 12.
21	29.90	46	92	W.	.26	Total Number of Days on which Rain or Snow fell, 12.
22	29.89	36	86	N.W., N.E.	.32	Depth of Unmelted Snow on ground at end of month, 0.
23	30.14	26	63	W.	*T	Dates of Auroras, none.
24	30.51	18	56	N.W.	0	Dates of Lunar Halos, 20, 23.
25	30.54	16	60	N.	0	Dates of Solar Halos, 1, 24, 26.
26	30.71	24	76	S	0	Thunder Storms, none.
27	30.26	47	82	S.W.	0	Dates of Frosts, —
28	30.09	50	94	S.W.	.24	Mean Maximum Temperature, 37.5.
29	—	—	—	—	—	Mean Minimum Temperature, 21.3.
30	—	—	—	—	—	MEAN TEMPERATURE for this month in
31	—	—	—	—	—	Total Precipitation for this month in inches
TOTALS					3.44	1871 39
MEANS	30.08	29.4	72.6	W.	0.13	1872 28
						1873 26
						1874 27
						1875 22
						1876 27
						1877 34
						1878 31
						1879 25
						1880 32
						1881 29
						1882 80
						1883 29
						1884 31
						1885 21
						1886 27
						1887 29
						1888 28
						1889 26
						1890 33
						1891 32
						1892 28
						1893 27
						1894 27
						1895 25
						1896 29
						1897 31
						1898 33
						1899 27
						1900 29
						1901 24
						1902 29
						1903 31
						1904 25
						1905 28
						1906 30
						1907 23
						1908 27
						1909 33
						1910 29

Average mean temperature for 40 years, 28°. Average monthly precipitation for 40 years, 3.42 inches. *T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of March, 1910.

Published by order of the Board of Health.

SAMUEL H. DÜRGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of March, 1910	1,125
Population estimated at 629,868	Rate per 1,000 inhabitants, 21.03
Deaths of non-residents, 120	*Corrected rate per 1,000 inhabitants, 18.79

Total number 1,125

SEX.

Males 575
Females 550

CONDITION.

Single 502
Married 373
Widowed 237
Divorced 4
Unknown 9

COLOR.

White 1,091
Black (Negro or mixed) 32
Chinese 2

Total deaths of children, {
Under 1 year 188
Under 2 years 235
Under 5 years 274

NATIVITY.

United States 696
Ireland 179
England and Wales 34
Scotland 10
Germany 21
British America 86
Italy 27
Russia and Poland 27
Sweden and Norway 9
Other Countries 25
Unknown 11

PARENTAGE.

United States 251
Irish 312
English and Welsh 32
Scotch 9
German 25
British American 64
Italian 75
Russian and Polish 53
Swedish 14
Both parents foreign 72
One parent foreign 81
One parent unknown 64
Unknown 73
Still-births during the month 58

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	AGE.																			SEX.											
	Total Mortality for March, 1910.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and under 95 years.	95 years and over.	Males.	Females.		
I. General Diseases.																															
1. Typhoid fever	1	1													1															1	
2. Exanthematous typhus																															
3. Recurrent fever																															
4. Intermittent fever and malarial cachexia (a) Malarial cachexia*																															
5. Smallpox																															
6. Measles	13	1	2	7	1	1	1	12						1															10	3	
7. Scarlet fever	4			1	1	1		3			1																	3	1		
8. Whooping cough	4		4					4																				2	2		
9. Diphtheria and croup	14		1	1	4	1		7	2	4	1																8	6			
10. Influenza	13		1					1						1	1	3	2	1		3	1						5	8			
11. Miliary fever																															
12. Asiatic cholera																															
13. Cholera nostras																															
14. Dysentery																															
15. Plague																															
16. Yellow fever																															
17. Leprosy																															
18. Erysipelas	10		2					2			1			2	1		2	1	1								5	5			
19. Other epidemic diseases																															
20. Purulent infection and septicemia	1		1					1																				1			
21. Glanders																															
22. Anthrax																															
23. Rabies																															
24. Tetanus																															
25. Mycoses																															
26. Pellagra																															
27. Beriberi																															
28. Tuberculosis of the lungs	119	4	1	2			1	4	2	4	6	15	17	17	14	15	7	5	1	5	5		2				63	56			
29. Acute miliary tuberculosis	4	1		1				1						1		1		1									3	1			
30. Tuberculous meningitis	16	1	2	5	1	2		10	1		2	1		1				1									10	6			
31. Abdominal tuberculosis	1														1													1			
32. Pott's disease																															
33. White swelling	1								1																			1			
34. Tuberculosis of other organs																															
35. Disseminated tuberculosis	1				1			1																				1			
36. Rickets																															
37. Syphilis	7	1	4			1		5					1					1									4	3			
38. Gonococcus infection	1	1									1																1				
39. Cancer and other malignant tumors of the buccal cavity	2																	1		1							1	1			
40. Cancer and other malignant tumors of the stomach, liver	18	2												1	2	3		3	2	3	1	2	1				8	10			
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	11	4												1	1	2	2	1	3		1					4	7				
42. Cancer and other malignant tumors of the female genital organs	13	4									2		1	2	4	1	1	1				1					13				
43. Cancer and other malignant tumors of the breast	9												1		1	3	2		1	1							9				
44. Cancer and other malignant tumors of the skin																															
45. Cancer and other malignant tumors of other organs and of organs not specified	14	5												1	1	1	2	2	2	1	1	1	1	1	1	1	8	5			

* Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1910.	Deaths of non-residents.	AGE.																										SEX.		
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
I. General Diseases.—Concluded.																															
46. Other tumors (tumors of the female genital organs excepted)														1			1	1	1	1									5		
47. Acute articular rheumatism	6																														
48. Chronic rheumatism and gout	3	1																1			1					1				3	
49. Scurvy																															
50. Diabetes	13	1			1		1	1	1				2			1	2	2	1				2						5	8	
51. Exophthalmic goitre																															
52. Addison's disease																															
53. Leukemia	1	1													1														1		
54. Anemia, chlorosis	2	1													1		1												1	1	
55. Other general diseases	2		1				1	2																					2		
56. Alcoholism (acute or chronic)	24	2											1	1	3	3	4	4	2	2	2	2							17	7	
57. Chronic lead poisoning																															
58. Other chronic occupation poisonings																															
59. Other chronic poisonings																															
Totals of general diseases	328	31	10	17	7	8	3	54	6	10	8	10	24	27	24	28	29	19	19	18	19		4	13	4	2		168	160		
II. Diseases of the Nervous System and of the Organs of Sense.																															
60. Encephalitis	1								1																				1		
61. Meningitis {	4	1	2		1			3	1																				2	2	
	3			2			2	1																					2	1	
62. Locomotor ataxia	1																						1						1		
63. Other diseases of the spinal cord	2																	1		1									2		
64. Cerebral hemorrhage, apoplexy	57	3												1	2	1	3	7	4	5	7	9	6	9	2	1		26	31		
65. Softening of the brain																															
66. Paralysis without specified cause	4	1							1												1		1	1				1	3		
67. General paralysis of the Insane	4													1						2	1							3	1		
68. Other forms of mental alienation	1																1												1		
69. Epilepsy																															
70. Convulsions (non-puerperal)																															
71. Convulsions of infants	4		4					4																					2	2	
72. Chorea																															
73. Neuralgia and Neuritis																															
74. Other diseases of the nervous system	6	2		1				1					1	1			2					1							3	3	
75. Diseases of the eyes and their annexa																															
76. Diseases of the ears	1	1															1												1		
Totals of nervous system, etc.,	88	8	6	1	3			10	3	1			1	2	3	2	6	8	4	8	9	10		7	10	3	1		44	44	
III. Diseases of the Circulatory System.																															
77. Pericarditis																															
78. Acute endocarditis	16	4	1	1				2	1		1	2		3	1		1					1	3	1					7	9	
79. Organic diseases of the heart	137	12					1	1		1	2	1	4	2		10	12	7	11	15	22	19	14	11	2	3		56	81		
80. Angina pectoris														1																	
81. Diseases of the arteries, atheroma, aneurism, etc.	22	2												1				2	2		1	4	6	5	1			7	15		
82. Embolism and thrombosis	5								1							1	1	1				1							2	3	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1910.	Deaths of non-residents.	AGE.																				SEX.							
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory System.—Concluded.																														
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																														
84. Diseases of the lymphatic system (lymphangitis, etc.)																														
85. Hemorrhage; other diseases of the circulatory system.																														
Totals of circulatory system	182	18	1	1				1	3	1	2	3	3	4	7	1	11	14	10	13	15	23	25	24	17	3	3	72	110	
IV. Diseases of the Respiratory System.																														
86. Diseases of the nasal fossae																														
87. Diseases of the larynx																														
88. Diseases of the thyroid body	1																			1									1	
89. Acute bronchitis	19	2	12	2				14																					12	7
90. Chronic bronchitis	2																												1	1
91. Broncho-pneumonia	43	3	13	10	4	2		29	1		1			1															17	26
92. Pneumonia	119	8	10	8	3			30			1	2	4	4	10	10	7	6	6		8	9	10	7	3	2			68	51
93. Pleurisy	5	1			1	1		2			1			1			1												5	
94. Pulmonary congestion, pulmonary apoplexy																														
95. Gangrene of the lung	1	1																										1	1	
96. Asthma																														
97. Pulmonary emphysema	1	1																											1	
98. Other diseases of the respiratory system (tuberculosis excepted)	3	1			1			1						2															1	2
Totals of respiratory system	194	17	44	20	9	3		76	1		3	2	4	8	10	10	8	6	7	9	14	13	11	8	3	1	106	88		
V. Diseases of the Digestive System.																														
99. Diseases of the mouth and annexa																														
100. Diseases of the pharynx	1			1				1																					1	
101. Diseases of the esophagus																														
102. Ulcer of the stomach	2	2																1				1							1	1
103. Other diseases of the stomach (cancer excepted)	12		7	1		1		9						1										1	1				6	6
104. Diarrhoea and enteritis (under two years)	25	3	20	5				25																					14	11
105. Diarrhoea and enteritis (two years and over)	1												1																1	
106. Ankylostomiasis																														
107. Intestinal parasites																														
108. Appendicitis and typhlitis	9	4	1			1		2	1	2	2					2													5	4
109. Hernias, intestinal obstructions	3											1				1					1								3	
110. Other diseases of the intestine	3														1	1							1						9	1
111. Acute yellow atrophy of the liver																														
112. Hydatid tumor of the liver																														
113. Cirrhosis of the liver	14	1													1	2	4	2	2	1			1	1					9	5
(a.) Due to alcoholism*	1	1															2	3	2	1	1								6	3
114. Biliary calculi	2																					1		1					2	
115. Other diseases of the liver	2																				1	1							2	
116. Diseases of the spleen																														
117. Simple peritonitis (non puerperal)	1		1					1																					1	
118. Other diseases of the digestive system (cancer and tuberculosis excepted)																														
Totals of digestive system	75	10	29	7		2		38	1	2	2	1	1	1	4	4	4	3	3	3	2	3	3					40	35	

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		AGE.																												SEX.																							
		Total Mortality for March, 1910.		Deaths of non-venterata.		Under 1 year.																	Male.		Females.																												
						1 year and under 2 years.		2 years and under 3 years.		3 years and under 4 years.		4 years and under 5 years.		Total under 5 years.		5 years and under 10 years.		10 years and under 15 years.		15 years and under 20 years.		20 years and under 25 years.		25 years and under 30 years.		30 years and under 35 years.		35 years and under 40 years.		40 years and under 45 years.		45 years and under 50 years.		50 years and under 55 years.		55 years and under 60 years.		60 years and under 65 years.		65 years and under 70 years.		70 years and under 75 years.		75 years and under 80 years.		80 years and under 85 years.		85 years and under 90 years.		90 years and over.			
VI. Non-venereal Diseases of the Genito-Urinary System and Annexa.																																																					
119.	Acute nephritis	7	1	1										1									1	1	1																			5	2								
120.	Bright's disease	62	3																						1	7	3	6	3	3	6	9	12	7	4	1								35									
121.	Chyluria																																																				
122.	Other diseases of the kidneys and annexa																																																				
123.	Calculi of the urinary passages																																																				
124.	Diseases of the bladder																																																				
125.	Other diseases of the urethra, urinary abscess, etc.	1																											1																	1							
126.	Diseases of the prostate	2	1																																												2						
127.	Non-venereal diseases of the male genital organs																																																				
128.	Uterine hemorrhage (non-puerperal)																																																				
129.	Uterine tumor (non-cancerous)	7	7																							1	3			3																		7					
130.	Other diseases of the uterus	4																								1	1					1		1													4						
131.	Cysts and other tumors of the ovary	1																							1																						1						
132.	Salpingitis and other diseases of the female genital organs	3																							2		1																					3					
133.	Non-puerperal diseases of the breast (cancer excepted)																																																				
Totals of genito-urinary system		87	12	1											1										4	3	10	7	7	6	3	7	9	15	8	5	1							43	44								
VII. Puerperal State.																																																					
134.	Accidents of pregnancy	2	1																							1	1																							2			
135.	Puerperal hemorrhage																																																				
136.	Other accidents of labor																																																				
137.	Puerperal septicemia	3	3																						1			2																					3				
138.	Puerperal albuminuria and convulsions	1																										1																					1				
139.	Puerperal phlegmasia alba dolens, embolus, sudden death																																																				

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																				SEX.							
	Total Mortality for March, 1910. Deaths of non residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
XI. Diseases of Early Infancy.—Concluded.																												
153. Lack of care																												
Totals of early infancy	63	6	63				63																				35	28
XII. Old Age.																												
154. Senility	7																				2		2	2	1		3	4
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	3									2							1									2	1	
156. Suicide by asphyxia	1										1															1		
157. Suicide by hanging or strangulation	2												1									1				2		
158. Suicide by drowning	1											1														1		
159. Suicide by firearms	4	1									1	1	2													4		
160. Suicide by cutting or piercing instruments	1												1													1		
161. Suicide by jumping from a high place																												
162. Suicide by crushing																												
163. Other suicides																												
164. Poisoning by food																												
165. Other acute poisonings	2										1	1														1	1	
166. Conflagration	2																	1		1						2		
167. Burns (conflagration excepted)	7	1	1	2		3				1					1	1				1						5	2	
168. Absorption of deleterious gases (conflagration excepted)	5									1							1	1	1			1				4	1	
169. Accidental drowning	5	2						2		1		1									1					5		
170. Traumatism by firearms																												
171. Traumatism by cutting or piercing instruments	2																	1	1							2		
172. Traumatism by fall	10	2						1				1	1		1	2	2				1		1			6	4	
173. Traumatism in mines and quarries																												
174. Traumatism by machines	1														1											1		
175. Traumatism by other crushing (vehicles, railroad, land slides, etc.)	7	4				1	1				1		1	2	1		1									7		
176. Injuries by animals																												
177. Starvation																												
178. Excessive cold																												
179. Effects of heat																												
180. Lightning																												
181. Electricity (lightning excepted)																												
182. Homicide by firearms																												
183. Homicide by cutting or piercing instruments																												
184. Homicide by other means	3	1				1						1	1													2	1	
185. Fractures (cause not specified)	1																				1					1		
186. Other external violence	6	1				1						2			1	1		1								4	2	
Totals of affections by external causes.	63	10	3	2		1	6	3	3	3	4	6	7	4	3	5	6	5	1	3	3			1		49	14	
XIV. Ill-defined Diseases.																												
187. Ill-defined organic disease	2	1															1	1								2		
188. Sudden death																												
189. Cause of death not specified or ill-defined	2		2				2																			1	1	
Totals of ill-defined diseases	4	1	2				2										1	1								3	1	
Totals from all causes.	1125	120	188	47	21	13	6	275	12	18	29	34	42	62	59	67	71	55	61	68	84	68	67	43	14	6	575	550

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Date of death.	Additional deaths. Deaths of non-residents.	AGE.																	SEX.				
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	Color.	Condition.	Nationality.	Parentage.	Males.	Females.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF MARCH, 1910, AND FOR THE CORRESPONDING MONTH IN 1909.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Mar. 1910.	Mar. 1909.	Mar. 1910.	Mar. 1909.		Mar. 1910.	Mar. 1909.	Mar. 1910.	Mar. 1909.
	Total	Non-res.	Total	Non-res.		Total	Non-res.	Total	Non-res.
Cholera	—	—	—	—	Measles	440	—	308	—
Chicken-pox	89	—	103	—	Scarlatina	153	7	275	—
Cerebro-spinal meningitis	5	—	11	—	Smallpox	—	—	—	—
Diphtheria and croup	253	1	260	—	Typhus fever	—	—	—	—
Pulmonary and laryngeal tuberculosis	315	6	242	—	Typhoid fever	21	1	24	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	249	Cattle Condemned,	2,472 lbs.
Calves "	2,998	Calves "	1,725 "
Sheep "	—	Sheep "	—
Hogs "	2,374	Hogs "	1,419 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 710 lbs.	450 lbs.	
Beef (tainted) 260 "		
Pigeons 180		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	652
" "	" " Wagons	765
" "	" brought in by Citizens	29
" "	" for bacteriological examination	552
" "	Vinegar	92
" "	Butter and Cheese	213
Total Samples,		2,303

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	172	GLANDERS:	Positive	8
	Positive for release	140		Negative	6
	Negative for diagnosis	1,388		Unsatisfactory	5
	Negative for release	313			19
	"No growth" cultures	10	GONORRHEA	Positive	3
		2,023	OPHTHALMIA:	Negative	25
TUBERCULOSIS:	Positive	108		Unsatisfactory	0
	Negative	587			31
	Unsatisfactory	0	GONORRHEA:	Positive	38
		693		Negative	48
TYPHOID:	Positive	15		Unsatisfactory	1
	Negative	117			87
	Unsatisfactory	4	Other examinations:	Positive	38
		136		Negative	89
SPECIAL WORK:	Milk products for T B; Disinfection Experiments.			Unsatisfactory	0
	Examined cow feces for T B; Chemical and Bacteriological examinations, water: 3 samples.		BACTERIOLOGICAL MILK EXAMINATIONS		77
	Skin scrapings for parasites; Soup for ptomaines.				552
	Tissue from horse for T. B.		Total		8,618

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of March, 1910, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.20	39	98	N. E.	.53	Mean Barometer, 30.07.
2	30.08	38	94	W.	.0	Highest Barometer, 30.53 on the 19th.
3	30.06	42	0	W.	0	Lowest Barometer, 29.42 on the 14th.
4	30.20	41	46	W. & N.W.	0	Monthly Range of Barometer, 1.11.
5	30.22	46	48	S.W.	0	Mean Temperature, 42.0°.
6	30.08	42	76	E.	0	Highest Temperature, 78° on the 25th.
7	29.56	44	78	W.	.54	Lowest Temperature, 17° on the 18th.
8	29.80	37	48	W.	0	Monthly Range of Temperature, 61°.
9	30.02	40	53	W.	0	Greatest Daily Range of Temperature, 28° on the 29th.
10	30.24	31	53	N.W.	0	Least Daily Range of Temperature, 5° on the 6th.
11	30.28	32	62	N.	0	Mean Daily Range of Temperature, 15.4°.
12	30.17	34	72	N. E.	0	Mean Daily Dew-point, 30.6°.
13	29.62	36	74	N.	*T	Mean Daily Relative Humidity, 65.9.
14	29.57	34	53	W.	.02	Prevailing Direction of Wind, W.
15	29.91	34	60	W.	0	Total Movement of Wind, 7,957 miles.
16	29.86	38	47	W.	0	Highest Velocity of Wind and Direction, 33—S.W. on the 20th.
17	30.06	30	46	N.	.02	Number of Foggy Days, 1.
18	30.42	28	51	N.W.	0	Number of Fair Days, 9.
19	30.4	40	70	S.W.	0	Number of Cloudy Days, 11.
20	29.98	52	86	S.W.	.02	Total Number of Days on which Rain or Snow fell, 8.
21	30.26	42	73	N.W.	0	Depth of Unmelted Snow on ground at end of month, 0.
22	30.00	47	66	S.W.	0	Dates of Auroras, 27th.
23	30.26	43	66	E.	0	Dates of Lunar Halos, 22d.
24	30.13	48	86	S.W.	0	Dates of Solar Halos, 10, 12.
25	29.78	64	62	S.W.	0	Thunder Storms, 7th.
26	30.02	48	64	N.W.	0	Dates of Frosts, none.
27	30.32	43	64	N.W.	0	Mean Maximum Temperature, 49.7.
28	30.20	46	74	W. & S.W.	0	Mean Minimum Temperature, 34.3.
29	30.12	62	64	W.	0	
30	30.26	56	64	E.	0	
31	30.33	44	82	E.	.07	
TOTALS.....	—	—	—	—	1.25	
MEANS.....	30.08	42.0	66.0	W.	.04	
						MEAN TEMPERATURE for this month in
						1871 42
						1872 26
						1873 34
						1874 34
						1875 31
						1876 33
						1877 35
						1878 40
						1879 34
						1880 43
						1881 37
						1882 30
						1883 31
						1884 34
						1885 28
						1886 33
						1887 33
						1888 32
						1889 33
						1890 35
						1891 34
						1892 33
						1893 34
						1894 42
						1895 35
						1896 32
						1897 37
						1898 43
						1899 34
						1900 34
						1901 36
						1902 43
						1903 44
						1904 35
						1905 37
						1906 33
						1907 33
						1908 39
						1909 37
						1910 42
						1871 4.55
						1872 4.05
						1873 3.76
						1874 1.60
						1875 5.04
						1876 7.19
						1877 9.79
						1878 5.91
						1879 3.90
						1880 3.25
						1881 9.56
						1882 3.35
						1883 2.33
						1884 4.36
						1885 1.15
						1886 3.20
						1887 3.20
						1888 3.32
						1889 1.19
						1890 6.58
						1891 3.94
						1892 3.91
						1893 2.50
						1894 1.01
						1895 2.72
						1896 5.41
						1897 2.79
						1898 1.82
						1899 5.36
						1900 4.40
						1901 6.58
						1902 5.59
						1903 5.55
						1904 2.43
						1905 2.25
						1906 5.45
						1907 1.06
						1908 2.97
						1909 3.28
						1910 1.25

Average mean temperature for 40 years, 39°. Average monthly precipitation for 40 years, 4 inches. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of April, 1910.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of April, 1910	1,064
Population estimated at 673,745	Rate per 1,000 inhabitants, 19.21
Deaths of non-residents, 110	*Corrected rate per 1,000 inhabitants, 17.23

Total number 1,064

SEX.

Males 536

Females 528

CONDITION.

Single 488

Married 323

Widowed 238

Divorced 5

Unknown 10

COLOR.

White 1,029

Black (Negro or mixed) 29

Chinese 6

Total deaths of children { Under 1 year 163

Under 2 years 199

Under 5 years 238

NATIVITY.

United States 625

Ireland 208

England and Wales 15

Scotland 11

Germany 16

Canada 76

Italy 32

Russia and Poland 29

Sweden and Norway 9

France —

Other Countries 25

Unknown 18

NATIVITY OF MOTHERS.

United States 271

Ireland 347

England and Wales 31

Scotland 18

Germany 23

Canada 102

Italy 79

Russia and Poland 49

Sweden and Norway 12

France —

Other Countries 33

Unknown 99

Still-births during the month 62

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for April, 1910. Deaths of non-residents.	AGE.																	SEX.								
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid fever	2												1	1												2	
2. Typhus fever																											
3. Relapsing fever																											
4. Malaria																											
(a) Malarial cachexia*																											
5. Smallpox																											
6. Measles	9	4	3	1			8	1																		5	4
7. Scarlet fever	6	1	1	1	1	3	1	1				1														1	5
8. Whooping cough	5		3	2		5																				2	3
9. Diphtheria and croup	14	4	1	1		1	7	6	1																	8	6
10. Influenza	26	4		1			1				1	1		1		2		1	1	4	4	3	6	1		9	17
11. Miliary fever																											
12. Asiatic cholera																											
13. Cholera nostras																											
14. Dysentery																											
15. Plague																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	8	1	2	1			3								1	1	2	1								3	5
19. Other epidemic diseases																											
20. Purulent infection and septicemia	4	1	2				2											2								2	2
21. Glanders																											
22. Anthrax																											
23. Rabies																											
24. Tetanus	3	2									1			1			1									3	
25. Myxoedema																											
26. Pellagra																											
27. Beriberi																											
28. Tuberculosis of the lungs	107	10		1	2		1	4	1	3	7	11	19	6	14	11	8	8	9	2	2	1	1			54	53
29. Acute miliary tuberculosis	6	2		1	1				1			1		1					1							3	3
30. Tuberculous meningitis	8	1		2	1	1	1	5				1	2													5	3
31. Abdominal tuberculosis	3		1				1	2					1													1	2
32. Pott's disease	3										2								1							2	1
33. White swelling	1	1													1											1	
34. Tuberculosis of other organs	1	1	1				1																			1	
35. Disseminated tuberculosis	2	2		1		1	2																			1	1
36. Rickets																											
37. Syphilis	2		1				1											1								1	1
38. Gonococcus infection																											
39. Cancer and other malignant tumors of the buccal cavity	2																	1	1							2	
40. Cancer and other malignant tumors of the stomach, liver	18	1												1	2	1	4	3	1	3	2	1				10	8
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	13	2										1	2	1			2	1	1	2	2	1				9	11
42. Cancer and other malignant tumors of the female genital organs	12	2										1	2	1	2	3	1	1	1	1						12	
43. Cancer and other malignant tumors of the breast	10	8										1	1		1	1	1	1	1	3						10	
44. Cancer and other malignant tumors of the skin	1																							1		1	
45. Cancer and other malignant tumors of other organs and of organs not specified	9	2																4	1		2		2			7	2

*Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1910.	Deaths of non-residents.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																														
46. Other tumors (tumors of the female genital organs excepted)							1		1	2		2		1	1	1			1										3	2
47. Acute articular rheumatism	9																												1	1
48. Chronic rheumatism and gout	2																		1						1				1	1
49. Scurvy																														
50. Diabetes	16	1									1								2	1		4	4	2	2				8	8
51. Exophthalmic goitre	2	1										1	1																1	1
52. Addison's disease																														
53. Leuchæmia																														
54. Anæmia, chlorosis	9	1	2						2								1	1	1	1	1	1	1	1					5	4
55. Other general diseases																														
56. Alcoholism (acute or chronic)	8																3	2	1			1	1						6	2
57. Chronic lead poisoning																														
58. Other chronic occupation poisonings																														
59. Other chronic poisonings	1																1													1
Totals of general diseases	322	39	17	15	9	4	4	49	11	7	9	17	26	11	26	20	19	15	27	23	20	16	13	9	4			149	173	
II. Diseases of the Nervous System and of the Organs of Special Sense.																														
60. Encephalitis																														
Meningitis {	1. Simple meningitis	8		3	2				2	7		1																	4	4
	2. Cerebro-spinal meningitis (undefined)	1				1			1																					1
	3. Cerebro-spinal fever																													
61. Locomotor ataxia	2	1																		1	1								2	
62. Other diseases of the spinal cord	3	3										1		1		1													3	
(a) Acute Anterior Poliomyelitis*	1															1													1	
63. Cerebral hemorrhage, apoplexy	47	2														2		3	5	3	8	3	9	8	3	2	1	14	33	
64. Softening of the brain																														
65. Paralysis without specified cause	3	1																			1	1	1					2	1	
66. General paralysis of the insane	4																1	1	1		1							4		
67. Other forms of mental alienation																														
68. Epilepsy	1									1																				1
69. Convulsions (non-puerperal)	1																					1							1	
70. Convulsions of infants	1	1							1																				1	
71. Chorea	2								1		1																		2	
72. Neuralgia and Neuritis	2											1								1									1	1
73. Other diseases of the nervous system	4	2							2			1		1															2	2
74. Diseases of the eyes and their annexa																														
75. Diseases of the ears	6	1	2						2		1	1							1		1								5	1
Totals of nervous system, etc.,	85	10	6	2	1			2	11	2	3	2	3	1	1	2	3	4	7	3	10	8	10	9	3	2	1	41	44	
III. Diseases of the Circulatory System.																														
76. Pericarditis	5	3								1	1								1		1	1							1	4
77. Acute endocarditis	11								3		1	1		1		1			1		2					1		4	7	
78. Organic diseases of the heart	163	6							1	2	3	1	1	4	7	7	7	9	8	13	8	18	7	5	1	1	39	64		
79. Angina pectoris	4	1																	2		1	1						2	2	
80. Diseases of the arteries, atheroma, aneurism, etc.	19																		1	3	3	2	3	2	2	1	9	10		
81. Embolism and thrombosis	6																			2	1	1			1			3	3	

* Deaths under italicized headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1900.	Deaths of non-residents.	AGE.																				SEX.							
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory System. — Concluded.																														
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	3													1		1	1													
84. Diseases of the lymphatic system (lymphangitis, etc.)	4	2						2	1		1																	3		
85. Hemorrhage; other diseases of the circulatory system	1	1						1																				1		
Totals of circulatory system	106	10	3					3	6	3	4	2	2	5	8	8	10	11	13	14	13	25	9	8	3	3	62	94		
IV. Diseases of the Respiratory System.																														
86. Diseases of the nasal fossae	1	1							1																			1		
87. Diseases of the larynx	1	1						1																				1		
88. Diseases of the thyroid body																														
89. Acute bronchitis	11	5						5												2	1		2	1			3	8		
90. Chronic bronchitis	2																					2						1	1	
91. Broncho-pneumonia	45	2	18	8	6	1		33	1		1					1	1			1	1	2	1	1	1	1	27	18		
92. Pneumonia	114	3	13	7	2	1	2	25	2	1	2	4	2	6	9	10	9	6	9	11	7	2	4	4		1	67	47		
93. Pleurisy	6	1				1		1		1		2		1								1					5	1		
94. Pulmonary congestion, pulmonary apoplexy	2																	1					1				1	1		
95. Gangrene of the lung																														
96. Asthma	1														1													1		
97. Pulmonary emphysema																														
98. Other diseases of the respiratory system (tuberculosis excepted)	2	1												1			1										2			
Totals of respiratory system	185	8	37	15	8	3	2	65	4	2	3	6	2	8	10	11	10	8	9	12	10	8	6	7	2	2	108	77		
V. Diseases of the Digestive System.																														
99. Diseases of the mouth and annexa	1													1														1		
100. Diseases of the pharynx	2	1												1		1											2			
101. Diseases of the œsophagus																														
102. Ulcer of the stomach	2																1	1									1	1		
103. Other diseases of the stomach (cancer excepted)	5	1	2					2									1			1				1			4	1		
104. Diarrhea and enteritis (under two years)	17		15	2				17																			7	10		
105. Diarrhea and enteritis (two years and over)	6													1					2		1	1		1			3	3		
106. Ankylostomiasis																														
107. Intestinal parasites																														
108. Appendicitis and typhlitis	5								1	1				1	1				1								2	3		
109. Hernias, intestinal obstructions	10	2	2					2				2							1	1	1		2			1	4	6		
110. Other diseases of the intestine																														
111. Acute yellow atrophy of the liver																														
112. Hydatid tumor of the liver																														
113. Cirrhosis of the liver	7															1			2	3	1						5	2		
(a.) Due to alcoholism*	4															1			1	1	1						3	1		
114. Biliary calculi	3	1																1	1			1					1	2		
115. Other diseases of the liver	3	1											1					1		1							1	2		
116. Diseases of the spleen																														
117. Simple peritonitis (non-puerperal)	2								1																	1			2	
118. Other diseases of the digestive system (cancer and tuberculosis excepted)																														
Totals of digestive system	63	6	19	2				21	2	1		2	2	2	2	2	3	7	6	3	2	2	2	2	1	1	30	33		

* Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																												SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	Total Mortality for April, 1910.		Deaths of non-residents.		Under 1 year.		1 year and under 2 years.		2 years and under 3 years.		3 years and under 4 years.		4 years and under 5 years.		Total under 5 years.		5 years and under 10 years.		10 years and under 15 years.		15 years and under 20 years.		20 years and under 25 years.		25 years and under 30 years.		30 years and under 35 years.		35 years and under 40 years.		40 years and under 45 years.		45 years and under 50 years.		50 years and under 55 years.		55 years and under 60 years.		60 years and under 65 years.		65 years and under 70 years.		70 years and under 75 years.		75 years and under 80 years.		80 years and under 85 years.		85 years and under 90 years.		90 years and over.		Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
XI. Diseases of Early Infancy.—Concluded.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
153. Lack of care																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

*One adult of unknown age.

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Date of death.	AGE.																	SEX.				
		Additional deaths. Deaths of non-residents.	Under 5 years.										Color.	Condition.	Nativity.	Nativity of Mother.	Males.	Females.					
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.							25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.
189. Cause of death not specified or ill-defined	Jan.	1		1							1							White	Single	U. S.	Ireland	1	
71. Convulsions of Infants	Feb.	1		1							1							White	Single	Unknown	Unknown	1	
92. Pneumonia	Mar.	1															1	White	Married	Canada	Unknown		1
169.	Mar.	1															1	White	Unknown	Unknown	Unknown	1	
Still-birth	Mar.	1																				1	

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF APRIL, 1910, AND FOR THE CORRESPONDING MONTH IN 1909.

	CITY.			QUARANTINE.				CITY.			QUARANTINE.			
	April, 1910		April, 1909	April, 1910		April, 1909		April, 1910		April, 1909	April, 1910		April, 1909	
	Total	Non-res.		Total	Non-res.			Total	Non-res.		Total	Non-res.		
Cholera	—	—	—	—	—	—	Measles	681	—	338	—	—	—	
Chicken-pox	65	—	89	—	—	—	Scarlatina	384	27	253	—	—	—	
Cerebro-spinal meningitis . .	2	—	8	—	—	—	Smallpox	—	—	—	—	—	—	
Diphtheria and croup	226	6	219	—	—	—	Typhus fever	—	—	—	—	—	—	
Pulmonary and laryngeal							Typhoid fever	29	—	21	—	—	—	
tuberculosis	305	10	245	—	—	—	Yellow fever	—	—	—	—	—	—	

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	100	Cattle Condemed,	5	51,670 lbs.
Calves "	5,123	Calves "	142	4,384 "
Sheep "	—	Sheep "	—	—
Hogs "	2,763	Hogs "	5	and parts, 2,004 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		VEGETABLES.	
Veal (immature) 825 lbs.		Miscellaneous, 6 bush.	
Poultry (tainted) 65 "			
Beef " 1,206 "			
" (Tuberculous) 700 "			
Veal (Unstamped) 848 "			

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	569
" "	" " Wagons	686
" "	" brought in by Citizens	27
" "	" for bacteriological examination, 619	
" "	Vinegar	158
" "	Butter and Cheese	112
Total Samples,		2,173

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	162
	Positive for release	89
	Negative for diagnosis	1,250
	Negative for release	212
	"No growth" cultures	5
		1,718
TUBERCULOSIS:	Positive	110
	Negative	426
	Unsatisfactory	0
		536
TYPHOID:	Positive	18
	Negative	121
	Unsatisfactory	3
		142
GLANDERS:	Positive	8
	Negative	6
	Unsatisfactory	1
		15

GONORRHEA									
OPHTHALMIA:	Positive	.	.	.	.	.	0		
	Negative	.	.	.	.	.	24		
	Unsatisfactory	.	.	.	.	.	0	.	24
GONORRHEA:	Positive	.	.	.	.	.	31		
	Negative	.	.	.	.	.	52		
	Unsatisfactory	.	.	.	.	.	0	.	83
Other examinations:	Positive	.	.	.	.	.	40		
	Negative	.	.	.	.	.	48		
	Unsatisfactory	.	.	.	.	.	1	.	89
BACTERIOLOGICAL MILK EXAMINATIONS	.	.	.	.	.	.	.	.	619
Total	.	.	.	.	.	.	.	.	3,226
SPECIAL WORK:	Milk sediments for T.B.; disinfection experiments. Examined cow feces for T. B.; Chem. and Bact. exam. water, 2 samples.								

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of April, 1910, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.17	52	74	W.	0	Mean Barometer, 29.96.
2	30.15	56	67	W.	0	Highest Barometer, 30.42 on the 17th.
3	30.32	49	52	E.	0	Lowest Barometer, 29.92 on the 7th.
4	30.20	52	60	S.	* T	Monthly Range of Barometer, 0.50.
5	29.96	58	84	E., S.E. & N.W.	0	Mean Temperature, 51.6°.
6	29.70	64	82	S.W.	0	Highest Temperature, 78° on the 6th.
7	29.66	58	72	N.W.	0	Lowest Temperature, 35° on the 11th and 13th.
8	29.72	44	82	N.W.	.72	Monthly Range of Temperature, 43°.
9	29.79	47	74	N.W.	* T	Greatest Daily Range of Temperature, 28° on the 6th.
10	29.82	45	63	N.W.	0	Least Daily Range of Temperature, 5° on the 24th.
11	29.83	45	57	W.	.16	Mean Daily Range of Temperature, 15.7°.
12	29.90	46	57	N.W.	0	Mean Daily Dew-point, 41.2°.
13	30.03	47	45	W.	0	Mean Daily Relative Humidity, 72.5.
14	29.97	56	42	W.	0	Prevailing Direction of Wind, N.W.
15	29.92	60	63	N.W.	0	Total Movement of Wind, 7,211 miles.
16	30.23	44	63	E.	0	Highest Velocity of Wind and Direction, 30—N.W. on the 10th.
17	30.39	42	71	S.E.	* T	Number of Foggy Days, 3.
18	30.08	52	90	S.E.	.09	Number of Fair Days, 8.
19	29.80	58	86	E. & S.	.36	Number of Clear Days, 7.
20	29.77	60	69	S.	* T	Number of Cloudy Days, 15.
21	29.68	50	65	E.	0	Total Number of Days on which Rain or Snow fell, 15.
22	29.72	54	87	N.W.	.38	Depth of Unmelted Snow on ground at end of month, 0.
23	29.83	50	92	E.	0	Dates of Auroras, none.
24	30.14	48	98	E.	* T	Dates of Lunar Halos, none.
25	30.24	48	98	E.	* T	Dates of Solar Halos, 15, 16, 17, 19.
26	30.06	54	98	E. & S.E.	.47	Thunder Storms, none.
27	29.87	60	70	W.	0	Dates of Frosts, none.
28	29.99	46	58	N.W.	0	Mean Maximum Temperature, 59.5.
29	30.08	47	72	W.	* T	Mean Minimum Temperature, 43.8.
30	29.79	56	80	S.	.04	
31	—	—	—	—	—	
TOTALS.....					2.22	
MEANS.....	29.97	51.6	72.4	N.W.	0.07	
						MEAN TEMPERATURE for this month in
						1871 47
						1872 47
						1873 45
						1874 39
						1875 43
						1876 44
						1877 44
						1878 43
						1879 42
						1880 46
						1881 44
						1882 43
						1883 45
						1884 44
						1885 47
						1886 49
						1887 44
						1888 43
						1889 43
						1890 46
						1891 48
						1892 48
						1893 44
						1894 47
						1895 46
						1896 47
						1897 49
						1898 44
						1899 48
						1900 49
						1901 44
						1902 48
						1903 48
						1904 45
						1905 47
						1906 47
						1907 43
						1908 47
						1909 48
						1910 52
						1871 3.79
						1872 1.31
						1873 3.83
						1874 7.97
						1875 4.92
						1876 3.61
						1877 4.19
						1878 6.14
						1879 6.58
						1880 2.85
						1881 1.66
						1882 2.60
						1883 2.83
						1884 4.76
						1885 3.30
						1886 1.70
						1887 2.62
						1888 2.04
						1889 3.07
						1890 2.29
						1891 1.71
						1892 0.93
						1893 3.13
						1894 3.78
						1895 8.65
						1896 1.96
						1897 3.17
						1898 6.89
						1899 1.29
						1900 1.90
						1901 7.43
						1902 2.87
						1903 4.43
						1904 9.14
						1905 2.14
						1906 2.15
						1907 3.31
						1908 1.70
						1909 3.92
						1910 2.22

Average mean temperature for 40 years, 46°.

Average monthly precipitation for 40 years, 3.47 inches.

* T indicates trace of precipitation.

1559

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of May, 1910.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of May, 1910	943
Population estimated at 673,745	Rate per 1,000 inhabitants, 16.48
Deaths of non-residents, 96	*Corrected rate per 1,000 inhabitants, 14.80

Total number 943

SEX.

Males	517
Females	426

CONDITION.

Single	439
Married	330
Widowed	163
Divorced	3
Unknown	8

COLOR.

White	920
Black (Negro or mixed)	20
Chinese	2
Indian	1

Total deaths of children,	Under 1 year	140
	Under 2 years	184
	Under 5 years	214

NATIVITY.

United States	556
Ireland	158
England and Wales	21
Scotland	10
Germany	21
Canada	96
Italy	28
Russia and Poland	25
Sweden and Norway	7
France	1
Other Countries	15
Unknown	5

NATIVITY OF MOTHERS.

United States	269
Ireland	297
England and Wales	27
Scotland	18
Germany	26
Canada	92
Italy	71
Russia and Poland	43
Sweden and Norway	11
France	2
Other Countries	21
Unknown	66
Still-births during the month	61

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

* Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	AGE.																										SEX.			
	Total Mortality for May, 1910.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																														
46. Other tumors (tumors of the female genital organs excepted)																														
47. Acute articular rheumatism			5			1		1		1						2		1										2	3	
48. Chronic rheumatism and gout			3	1											1		2											1		
49. Scurvy																														
50. Diabetes	15	1						2				1		1	1		1	1	1	1	5	1						6	9	
51. Exophthalmic goitre																														
52. Addison's disease																														
53. Leuchæmia			1											1														1		
54. Anæmia, chlorosis			3														2				1							2	1	
55. Other general diseases			1					1	1																			1		
56. Alcoholism (acute or chronic)	14	1										2		4	1	2	5											11	3	
57. Chronic lead poisoning																														
58. Other chronic occupation poisonings																														
59. Other chronic poisonings			1													1													1	
Totals of general diseases	340	29	16	25	13	6	2	62	8	6	12	14	22	31	28	25	22	25	15	25	17	16	8	2	2			178	162	
II. Diseases of the Nervous System and of the Organs of Special Sense.																														
60. Encephalitis																														
61. Meningitis {			6	1	3	1			4	1					1													2		
			2						1																			2		
62. Locomotor ataxia			1																	1								1		
63. Other diseases of the spinal cord			4	1																1	2		1					2	2	
(a) Acute Anterior Poliomyelitis*																														
64. Cerebral hemorrhage, apoplexy	49	5	3					3					1	1		2	2	1	2	6	7	8	7	6	3			26	23	
65. Softening of the brain			1																			1						1		
66. Paralysis without specified cause																														
67. General paralysis of the insane			4											1		1	2											2	2	
68. Other forms of mental alienation			1											1														1		
69. Epilepsy																														
70. Convulsions (non-puerperal)			1						1																			1		
71. Convulsions of infants			7	1	5		1	1		7																		5	2	
72. Chorea																														
73. Neuralgia and Neuritis			2												1	1													2	
74. Other diseases of the nervous system			5					1	1							1	1	2										3	2	
75. Diseases of the eyes and their annexa			1	1																					1			1		
76. Diseases of the ears			1							1																		1		
Totals of nervous system, etc.,	85	9	12	1	1	1	1	16	3	1			1	4	1	4	4	5	3	9	7	9	8	6	3	1		46	39	
III. Diseases of the Circulatory System.																														
77. Pericarditis			2							1						1												1	1	
78. Acute endocarditis			16	2		1			1	1		1				2	1	3	3	1	1					1		9	7	
79. Organic diseases of the heart			81	8			1		1	3	3	2		2	1	1	1	8	5	7	16	10	11	4	3	3		40	41	
80. Angina pectoris			2								1														1				2	
81. Diseases of the arteries, atheroma, aneurism, etc.			2																					1		1			2	
82. Embolism and thrombosis			2	1														1	1									1		

*Deaths under Italicized headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for May, 1910. Deaths of non-residents.		AGE.																												SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.				
III. Diseases of the Circulatory System.—Concluded.																																
88. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	2	1															2											1	1			
84. Diseases of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhage; other diseases of the circulatory system	1																	1										1				
Totals of circulatory system	108	12		1	1		2	0	4	3		3	1	2	3	0	11	12	17	11	11	5	4	5			52	56				
IV. Diseases of the Respiratory System.																																
86. Diseases of the nasal fossae																																
87. Diseases of the larynx																																
88. Diseases of the thyroid body	1																1											1				
89. Acute bronchitis	8	6	1				7																1					3	5			
90. Chronic bronchitis	6																1	1		1					2	1		3	3			
91. Broncho-pneumonia	39	3	10	6	2	1	19	1							1	1	1	1	1	1	1	1	1	1	1	1	1	18	11			
92. Pneumonia	62	3	6	4	1	1	12	3			4	2	3	6	7	4	6	4	2	3	1	1	3		1		38	24				
93. Pleurisy	3									2		1																2	1			
94. Pulmonary congestion, pulmonary apoplexy	1																			1								1				
95. Gangrene of the lung																																
96. Asthma																																
97. Pulmonary emphysema																																
98. Other diseases of the respiratory system (tuberculosis excepted)	2	1															1	1										2				
Totals of respiratory system	112	7	22	11	3	2	38	4			6	2	4	6	8	8	8	6	3	6	2	1	7	2	1	64	48					
V. Diseases of the Digestive System.																																
99. Diseases of the mouth and annexa																																
100. Diseases of the pharynx	1													1														1				
101. Diseases of the esophagus																																
102. Ulcer of the stomach	4												1	1				1	1								3	1				
103. Other diseases of the stomach (cancer excepted)	4	1					1		1														1	1			1	3				
104. Diarrhoea and enteritis (under two years)	14		11	3			14																					8	6			
105. Diarrhoea and enteritis (two years and over)	7			1			1							2				1			1	1		1			2	5				
106. Ankylostomiasis																																
107. Intestinal parasites																																
108. Appendicitis and typhlitis	7	2							2	1	1	2		1														6	1			
109. Hernias, intestinal obstructions	13	2	1				1									1	2	1	3	2	1		1	1			5	8				
110. Other diseases of the intestine	1													1														1				
111. Acute yellow atrophy of the liver																																
112. Hydatid tumor of the liver																																
113. Cirrhosis of the liver	2	1															1		1									2				
(a.) Due to alcoholism*	1																	1										1				
114. Biliary calculi	4	1															1	1		1		1					3	1				
115. Other diseases of the liver																																
116. Diseases of the spleen																																
117. Simple peritonitis (non-puerperal)	8											1		1	1													2	1			
118. Other diseases of the digestive system (cancer and tuberculosis excepted)	2	1											1						1									1	1			
Totals of digestive system	62	7	18	3	1		17	2	1	2	2	1	3	6	2	4	2	7	4	1	2	3	2	1			34	28				

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1910. Deaths of non-residents.	AGE.																				SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
XI. Diseases of Early Infancy.—Concluded.																													
153. Lack of care																													
Totals of early infancy		61	6	61				61																			33	28	
XII. Old Age.																													
154. Senility		5																		1		1	2	1			3	2	
XIII. Affections Produced by External Causes.																													
155. Suicide by poison		4							1					1		1		1									3	1	
156. Suicide by asphyxia																													
157. Suicide by hanging or strangulation		2									1						1										2		
158. Suicide by drowning		1																	1								1		
159. Suicide by firearms																													
160. Suicide by cutting or piercing instruments		1																		1							1		
161. Suicide by jumping from a high place																													
162. Suicide by crushing																													
163. Other suicides																													
164. Poisoning by food																													
165. Other acute poisonings																													
166. Conflagration																													
167. Burns (conflagration excepted)		2	1				1				1																1	1	
168. Absorption of deleterious gases (conflagration excepted)		3															1	1		1							2	1	
169. Accidental drowning		5	1							1	1	1				1	1											5	
170. Traumatism by firearms																													
171. Traumatism by cutting or piercing instruments		3	2														2			1								3	
172. Traumatism by fall		13	2					1				1	1	1	2	2	1	2		1		1						10	3
173. Traumatism in mines and quarries																													
174. Traumatism by machines		2	1					1			1																	2	
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)		18	5					2	1	1			1	4	2	1		2	1	1		1		1	1			18	
176. Injuries by animals		3	1												1		2											3	
177. Starvation																													
178. Excessive cold																													
179. Effects of heat																													
180. Lightning																													
181. Electricity (lightning excepted)		1												1														1	
182. Homicide by firearms																													
183. Homicide by cutting or piercing instruments																													
184. Homicide by other means		1									1																	1	
185. Fractures (cause not specified)																													
186. Other external violence		1	1					1																				1	
Totals of affections by external causes,		60	12	2				2	4	1	3	3	4	3	5	9	5	4	6	3	5		1	1		1	53	7	
XIV. Ill-defined Diseases.																													
187. Ill-defined organic disease		8									1							1		1								2	1
188. Sudden death																													
189. Cause of death not specified or ill-defined		4	1	4				4																				2	2
Totals of ill-defined diseases		7	1	4				4					1					1		1								4	3
Totals from all causes,		943	96	140	48	18	10	3	214	26	14	22	30	38	51	54	55	57	67	60	75	56	43	33	27	16	5	517	496

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.					
Date of death.	Additional deaths. Deaths of non-residents.	AGE.			
		Under 1 year,			
		1 year and			
		under 2 years.			
		2 years and			
		under 3 years.			
		3 years and			
		under 4 years.			
		4 years and			
		under 5 years.			
		Total under			
		5 years.			
		5 years and			
		under 10 years.			
		10 years and			
		under 15 years.			
		15 years and			
		under 20 years.			
		20 years and			
		under 25 years.			
		25 years and			
		under 30 years.			
		30 years and			
		under 35 years.			
		35 years and			
		under 40 years.			
		40 years and			
		under 45 years.			
		45 years and			
		under 50 years.			
		50 years and			
		under 55 years.			
			Color.		
			Condition.		
			Nativity.		
			Nativity of Mother.		
			Males.		
			Females.		
			SEX.		

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF MAY, 1910, AND FOR THE CORRESPONDING MONTH IN 1909.

	CITY.			QUARANTINE.			CITY.			QUARANTINE.			
	May, 1910		May, 1909	May, 1910		May, 1909	May, 1910		May, 1909	May, 1910		May, 1909	
	Total	Non-res.		Total	Non-res.		Total	Non-res.		Total	Non-res.		
Cholera	—	—	—	—	—	—	Measles	851	—	386	—	—	1
Chicken-pox	94	—	93	—	—	—	Scarlatina	366	47	146	—	—	—
Cerebro-spinal meningitis . .	5	—	3	—	—	—	Smallpox	8	—	—	—	—	—
Diphtheria and croup . . .	255	4	189	—	—	—	Typhus fever	—	—	—	—	—	—
Pulmonary and laryngeal							Typhoid fever	26	1	27	—	—	—
tuberculosis	359	19	282	—	—	—	Yellow fever	—	—	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	345	Cattle Condemned, . . .	6	1,865 lbs.
Calves "	3,829	Calves "	164	5,106 "
Sheep "	—	Sheep "	—	"
Hogs "	3,117	Hogs "	parts,	996 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH	VEGETABLES.
Veal (immature), 557 lbs.	250 lbs.	Miscellaneous, 9 bush
Beef (tainted), 147 "	Lobsters (decayed), 537	Strawberries, 768 qts.
" (Unstamped), 525 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	540
" "	" " Wagons	734
" "	" brought in by Citizens	34
" "	" for bacteriological examination	819
" "	Vinegar	140
" "	Butter and Cheese	74
	Total Samples,	2,353

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	. . .	169	
	Positive for release	. . .	94	
	Negative for diagnosis	. . .	1,036	
	Negative for release	. . .	254	
	"No growth" cultures	. . .	8	1,561
TUBERCULOSIS:	Positive	. . . . .	105	
	Negative	. . . . .	457	
	Unsatisfactory	. . . . .	0	562
TYPHOID:	Positive	. . . . .	8	
	Negative	. . . . .	123	
	Unsatisfactory	. . . . .	2	133
GLANDERS:	Positive	. . . . .	17	
	Negative	. . . . .	25	
	Unsatisfactory	. . . . .	4	40

GONORRHEA								
OPHTHALMIA:	Positive	.	.	.	.	2		
	Negative	.	.	.	.	18		
	Unsatisfactory	.	.	.	.	1	.	19
GONORRHEA:	Positive	.	.	.	.	39		
	Negative	.	.	.	.	49		
	Unsatisfactory	.	.	.	.	0	.	88
Other examinations:*	Positive	.	.	.	.	23		
	Negative	.	.	.	.	34		
	Unsatisfactory	.	.	.	.	1	.	58
BACTERIOLOGICAL MILK EXAMINATIONS	.	.	.	.	.	.	.	819
Total	.	.	.	.	.	.	.	3,286
SPECIAL WORK:	Milk sediments for T.B.; disinfectant experiments.							
	Examined cow feces for T.B.; Nasal cultures for K-L; Bloods for Widal reaction.							

* Malaria, K L Vir., Pneumococcus, Gen. Urin. T. B., etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of May, 1910, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.																																																																																																																																																																				
1	30.18	52	68	E.	0	Mean Barometer, 29.97.																																																																																																																																																																				
2	30.21	48	86	E.	0	Highest Barometer, 30.40 on the 16th.																																																																																																																																																																				
3	30.06	50	96	S.	*T	Lowest Barometer, 29.43 on the 31st.																																																																																																																																																																				
4	30.10	47	88	N. E.	*T	Monthly Range of Barometer, 0.97.																																																																																																																																																																				
5	30.14	44	68	N.	.08	Mean Temperature, 57.6°.																																																																																																																																																																				
6	30.01	51	37	N. W.	0	Highest Temperature, 86° on the 24th.																																																																																																																																																																				
7	29.90	58	38	W.	0	Lowest Temperature, 40° on the 6th.																																																																																																																																																																				
8	29.95	66	66	S. W.	*T	Monthly Range of Temperature, 46°.																																																																																																																																																																				
9	29.70	60	92	S. W.	.09	Greatest Daily Range of Temperature, 28° on the 20th.																																																																																																																																																																				
10	29.72	62	59	W.	*T	Least Daily Range of Temperature, 4° on the 4th.																																																																																																																																																																				
11	29.72	59	55	W.	0	Mean Daily Range of Temperature, 14.2°.																																																																																																																																																																				
12	29.82	54	67	N. W.	0	Mean Daily Dew-point, 45.8°.																																																																																																																																																																				
13	29.98	50	78	E.	0	Mean Daily Relative Humidity, 70.5.																																																																																																																																																																				
14	30.10	52	65	E.	0	Prevailing Direction of Wind, S. W.																																																																																																																																																																				
15	30.26	52	66	E. & N. W.	.01	Total Movement of Wind, 7,243 miles.																																																																																																																																																																				
16	30.39	56	52	S. E. & N. W.	0	Highest Velocity of Wind and Direction, 27—N. W. on the 10th.																																																																																																																																																																				
17	30.26	62	42	S. E.	0	Number of Foggy Days, none.																																																																																																																																																																				
18	29.92	58	76	S. W.	.16	Number of Fair Days, 9.																																																																																																																																																																				
19	29.90	60	54	N. W.	0	Number of Clear Days, 5.																																																																																																																																																																				
20	30.08	64	48	S. W.	0	Number of Cloudy Days, 17.																																																																																																																																																																				
21	29.96	56	96	N. E.	.04	Total Number of Days on which Rain or Snow fell, 9.																																																																																																																																																																				
22	30.18	53	88	E.	0	Depth of Unmelted Snow on ground at end of month, none.																																																																																																																																																																				
23	30.04	64	82	S.	.01	Dates of Auroras, none.																																																																																																																																																																				
24	29.81	74	86	S. W.	0	Dates of Lunar Halos, 20th.																																																																																																																																																																				
25	29.80	69	86	S. W.	.05	Dates of Solar Halos, 11, 17, 22.																																																																																																																																																																				
26	29.87	68	70	S. W.	*T	Thunder Storms, 18th.																																																																																																																																																																				
27	30.04	62	61	W.	*T	Dates of Frosts, none.																																																																																																																																																																				
28	30.05	60	72	N. W.	*T	Mean Maximum Temperature, 64.7.																																																																																																																																																																				
29	29.94	62	60	E.	0	Mean Minimum Temperature, 50.5.																																																																																																																																																																				
30	29.68	56	90	E.	.01																																																																																																																																																																					
31	29.44	58	94	S. W.	.57																																																																																																																																																																					
TOTALS.....					1.02																																																																																																																																																																					
MEANS.....	29.97	57.6	70.5	S. W.	0.03																																																																																																																																																																					
						<table><tr><th colspan="2">MEAN TEMPERATURE for this month in</th><th colspan="2">Total Precipitation for this Month in inches</th></tr><tr><td>1871</td><td>58</td><td>1871</td><td>4.34</td></tr><tr><td>1872</td><td>59</td><td>1872</td><td>3.29</td></tr><tr><td>1873</td><td>57</td><td>1873</td><td>5.16</td></tr><tr><td>1874</td><td>55</td><td>1874</td><td>3.71</td></tr><tr><td>1875</td><td>58</td><td>1875</td><td>3.76</td></tr><tr><td>1876</td><td>55</td><td>1876</td><td>2.70</td></tr><tr><td>1877</td><td>55</td><td>1877</td><td>3.38</td></tr><tr><td>1878</td><td>58</td><td>1878</td><td>1.03</td></tr><tr><td>1879</td><td>60</td><td>1879</td><td>0.97</td></tr><tr><td>1880</td><td>64</td><td>1880</td><td>1.63</td></tr><tr><td>1881</td><td>57</td><td>1881</td><td>4.16</td></tr><tr><td>1882</td><td>51</td><td>1882</td><td>6.05</td></tr><tr><td>1883</td><td>56</td><td>1883</td><td>5.11</td></tr><tr><td>1884</td><td>53</td><td>1884</td><td>5.31</td></tr><tr><td>1885</td><td>53</td><td>1885</td><td>4.26</td></tr><tr><td>1886</td><td>57</td><td>1886</td><td>3.08</td></tr><tr><td>1887</td><td>60</td><td>1887</td><td>1.67</td></tr><tr><td>1888</td><td>53</td><td>1888</td><td>5.20</td></tr><tr><td>1889</td><td>60</td><td>1889</td><td>4.15</td></tr><tr><td>1890</td><td>57</td><td>1890</td><td>4.48</td></tr><tr><td>1891</td><td>56</td><td>1891</td><td>1.56</td></tr><tr><td>1892</td><td>56</td><td>1892</td><td>5.15</td></tr><tr><td>1893</td><td>56</td><td>1893</td><td>6.23</td></tr><tr><td>1894</td><td>58</td><td>1894</td><td>4.12</td></tr><tr><td>1895</td><td>60</td><td>1895</td><td>2.71</td></tr><tr><td>1896</td><td>60</td><td>1896</td><td>1.68</td></tr><tr><td>1897</td><td>58</td><td>1897</td><td>4.00</td></tr><tr><td>1898</td><td>56</td><td>1898</td><td>4.33</td></tr><tr><td>1899</td><td>58</td><td>1899</td><td>0.81</td></tr><tr><td>1900</td><td>55</td><td>1900</td><td>5.07</td></tr><tr><td>1901</td><td>54</td><td>1901</td><td>6.31</td></tr><tr><td>1902</td><td>58</td><td>1902</td><td>1.07</td></tr><tr><td>1903</td><td>58</td><td>1903</td><td>0.32</td></tr><tr><td>1904</td><td>61</td><td>1904</td><td>3.38</td></tr><tr><td>1905</td><td>58</td><td>1905</td><td>1.47</td></tr><tr><td>1906</td><td>58</td><td>1906</td><td>4.91</td></tr><tr><td>1907</td><td>62</td><td>1907</td><td>3.12</td></tr><tr><td>1908</td><td>59</td><td>1908</td><td>3.78</td></tr><tr><td>1909</td><td>56</td><td>1909</td><td>2.33</td></tr><tr><td>1910</td><td>58</td><td>1910</td><td>1.02</td></tr></table>	MEAN TEMPERATURE for this month in		Total Precipitation for this Month in inches		1871	58	1871	4.34	1872	59	1872	3.29	1873	57	1873	5.16	1874	55	1874	3.71	1875	58	1875	3.76	1876	55	1876	2.70	1877	55	1877	3.38	1878	58	1878	1.03	1879	60	1879	0.97	1880	64	1880	1.63	1881	57	1881	4.16	1882	51	1882	6.05	1883	56	1883	5.11	1884	53	1884	5.31	1885	53	1885	4.26	1886	57	1886	3.08	1887	60	1887	1.67	1888	53	1888	5.20	1889	60	1889	4.15	1890	57	1890	4.48	1891	56	1891	1.56	1892	56	1892	5.15	1893	56	1893	6.23	1894	58	1894	4.12	1895	60	1895	2.71	1896	60	1896	1.68	1897	58	1897	4.00	1898	56	1898	4.33	1899	58	1899	0.81	1900	55	1900	5.07	1901	54	1901	6.31	1902	58	1902	1.07	1903	58	1903	0.32	1904	61	1904	3.38	1905	58	1905	1.47	1906	58	1906	4.91	1907	62	1907	3.12	1908	59	1908	3.78	1909	56	1909	2.33	1910	58	1910	1.02
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Average mean temperature for 40 years, 57°.

Average monthly precipitation for 40 years, 3.35 inches.

*T indicates trace of precipitation.

1039
1377

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of June, 1910.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of June, 1910	825
Population estimated at 673,745	Rate per 1,000 inhabitants, 14.90
Deaths of non-residents, 82	*Corrected rate per 1,000 inhabitants, 13.42

Total number 825

SEX.

Males 437
Females 388

CONDITION.

Single 437
Married 239
Widowed 137
Divorced 4
Unknown 8

COLOR.

White 792
Black (Negro or mixed) 32
Chinese 1

Total deaths of children, {
 Under 1 year 168
 Under 2 years 200
 Under 5 years 240

NATIVITY.

United States 539
Ireland 114
England and Wales 16
Scotland 10
Germany 13
Canada 56
Italy 21
Russia and Poland 19
Sweden and Norway 10
France 1
Other Countries 13
Unknown 13

NATIVITY OF MOTHERS.

United States 257
Ireland 231
England and Wales 26
Scotland 17
Germany 18
Canada 85
Italy 56
Russia and Poland 37
Sweden and Norway 13
France 3
Other Countries 24
Unknown 58
Still-births during the month 49

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for June, 1910. Deaths of non-residents.	AGE.																	SEX.								
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid fever	1													1												1	
2. Typhus fever																											
3. Relapsing fever																											
4. Malaria																											
(a) Malarial cachexia *																											
5. Smallpox																											
6. Measles	7	3			2	1	6		1																	5	2
7. Scarlet fever	4			1	1		2	2																		3	1
8. Whooping cough	4	2	1				3																1			2	2
9. Diphtheria and croup	11	1	1	1	1		4	7	3	1																5	6
10. Influenza																											
11. Miliary fever																											
12. Asiatic cholera																											
13. Cholera nostras																											
14. Dysentery																											
15. Plague																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	6	1	3		1		4										1	1								3	3
19. Other epidemic diseases																											
20. Parent infection and septicemia .	1	1					1																			1	
21. Glanders																											
22. Anthrax																											
23. Rabies																											
24. Tetanus	2	1	1				1		1																	1	1
25. Mycoses	1	1												1												1	
26. Pellagra																											
27. Beriberi																											
28. Tuberculosis of the lungs	83	7	2	2		1	5	1	2	5	7	9	16	6	10	4	6		5	4	1	1	2			48	35
29. Acute miliary tuberculosis	6				1		1			2	2					1										3	3
30. Tuberculous meningitis	9	1	2	5	1	1	9																			5	4
31. Abdominal tuberculosis	5	1						1		2				1		1										2	3
32. Pott's disease	2					1	1							1												2	
33. White swelling	1	1	1				1																			1	
34. Tuberculosis of other organs . . .																											
35. Disseminated tuberculosis																											
36. Rickets																											
37. Syphilis	5		2				2							2				1								4	1
38. Gonococcus infection																											
39. Cancer and other malignant tumors of the buccal cavity	5	1														2	3									5	
40. Cancer and other malignant tumors of the stomach, liver	14	2							1					1	1	3	1	1	1	1	2	1				5	9
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum . .	8	4												1	1		3	1	1			1				2	6
42. Cancer and other malignant tumors of the female genital organs	8	1												1	1	1	4	1								8	
43. Cancer and other malignant tumors of the breast	6														1	2	1				1					1	5
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of other organs and of organs not specified . .	5	1							1							3	1		1							3	3

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for 1910, 1911, Deaths of non-residents.		AGE.																				SEX.					
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																												
46. Other tumors (tumors of the female genital organs excepted)																												
47. Acute articular rheumatism	4								1	2						1											1	3
48. Chronic rheumatism and gout	1																							1				1
49. Scurvy	2	1			1			2																				2
50. Diabetes	10					1		1				1	2	1	1			1			1	1	1				6	4
51. Exophthalmic goitre																												
52. Addison's disease																												
53. Leuchæmia	2	1		1					1									1									2	
54. Anæmia, chlorosis	1																		1									1
55. Other general diseases																												
56. Alcoholism (acute or chronic)	20	2									2	1	3	4	3	2	2	2			1						18	7
57. Chronic lead poisoning																												
58. Other chronic occupation poisonings																												
59. Other chronic poisonings	1																1											1
Totals of general diseases	225	26	19	10	4	8	6	47	8	6	12	12	12	20	17	20	13	24	6	15	8	5	5	4	1		123	110
II. Diseases of the Nervous System and of the Organs of Special Sense.																												
60. Encephalitis																												
(1. Simple meningitis	7	1	1		1	1	1	4	1					1								1					3	4
2. Cerebro-spinal meningitis (undefined)	5		3	1				4			1																4	1
3. Cerebro-spinal fever	1											1															1	
62. Locomotor ataxia	4																1	2	1								3	
63. Other diseases of the spinal cord	3										1	1									1						1	2
(a) Acute Anterior Poliomyelitis*																												
64. Cerebral hemorrhage, apoplexy	39													1	2	3	2	4	1	7	2	8	7	2			17	22
65. Softening of the brain																												
66. Paralysis without specified cause	3																1	1		1							1	2
67. General paralysis of the insane	8															1	1				1						1	2
68. Other forms of mental alienation	1																		1									1
69. Epilepsy																												
70. Convulsions (non-puerperal)																												
71. Convulsions of infants	2		2					2																			1	1
72. Chorea																												
73. Neuralgia and Neuritis	1													1														1
74. Other diseases of the nervous system	2	1																	2									2
75. Diseases of the eyes and their annexa																												
76. Diseases of the ears	4	1	1	1					2		1													1				4
Totals of nervous system, etc.,	75	3	7	2	1	1	1	12	1	1	1	2	1	3	2	4	5	9	3	8	3	9	8	2	1		32	43
III. Diseases of the Circulatory System.																												
77. Pericarditis	1	1						1	1																			1
78. Acute endocarditis	5				1			1	1					2		1											1	4
79. Organic diseases of the heart	35	6		1					1	1	1	2	3	3	3	8	5	8	6	8	14	5	8	9	3	1	46	49
80. Angina pectoris	1																					1						1
81. Diseases of the arteries, atheroma, aneurism, etc.	11																		1	1		3	2	1	1	2	3	8
82. Embolism and thrombosis	3	2															2				1						1	2

* Deaths under Italicised headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1910. Deaths of non-residents.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory System.—Concluded.																													
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																													
84. Diseases of the lymphatic system (lymphangitis, etc.)	1																	1									1		
85. Hemorrhage; other diseases of the circulatory system																													
Totals of circulatory system	117	9	1	1	1	3	2	4	2	3	3	3	5	8	8	8	8	9	15	9	10	10	4	3	52	65			
IV. Diseases of the Respiratory System.																													
86. Diseases of the nasal fossae																													
87. Diseases of the larynx																													
88. Diseases of the thyroid body																													
89. Acute bronchitis	5	4	1				5																			4	1		
90. Chronic bronchitis	2			1	1		2																			2			
91. Broncho-pneumonia	38	1	13	8			21						1	1		1	2	2	3	2	2	2	1		18	20			
92. Pneumonia	33	2	5	5	1		12	1			2		1	3	2	1		1	3	2	3	2			20	13			
93. Pleurisy	2						1								1											2			
94. Pulmonary congestion, pulmonary apoplexy	1	1					1																			1			
95. Gangrene of the lung																													
96. Asthma																													
97. Pulmonary emphysema																													
98. Other diseases of the respiratory system (tuberculosis excepted)																													
Totals of respiratory system	81	3	23	14	2	1	41	2			2		2	4	3	2	2	3	6	4	5	4	1		44	37			
V. Diseases of the Digestive System.																													
99. Diseases of the mouth and annexa																													
100. Diseases of the pharynx	2	1	1			1	2																			1	1		
101. Diseases of the esophagus																													
102. Ulcer of the stomach																													
103. Other diseases of the stomach (cancer excepted)	3	1	2				2											1								1	2		
104. Diarrhea and enteritis (under two years)	18	1	17	1			18																			7	11		
105. Diarrhea and enteritis (two years and over)	6			1			1						3								1	1				3	3		
106. Ankylostomiasis																													
107. Intestinal parasites																													
108. Appendicitis and typhilitis	7	3						2	1	1			1				1	1								5	2		
109. Hernias, intestinal obstructions	8	5	2	1		1	4							1		1	1			1						4	4		
110. Other diseases of the intestine	4												2			1	1									3	1		
111. Acute yellow atrophy of the liver																													
112. Hydatid tumor of the liver																													
113. Cirrhosis of the liver	9													1	2	1	2	2	1							7	2		
(a.) Due to alcoholism*	4																1	2		1						4			
114. Biliary calculi	9	1														1		2									3		
115. Other diseases of the liver	3									1	1												1			2	1		
116. Diseases of the spleen																													
117. Simple peritonitis (non-puerperal)																													
118. Other diseases of the digestive system (cancer and tuberculosis excepted)																													
Totals of digestive system	63	12	22	1	2	1	1	27	3	1	1	1	1		7	2	3	3	5	6	1	1	1	2		33	30		

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1910.	Deaths of non-residents.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
XI. Diseases of Early Infancy.—Concluded.																														
153. Lack of care																														
Totals of early infancy	78	4	78					78																					45	33
XII. Old Age.																														
154. Senility	6																				2	1	1		1	1	2	4		
XIII. Affections Produced by External Causes.																														
155. Suicide by poison	2	1											1	1														1	1	
156. Suicide by asphyxia	1									1																		1		
157. Suicide by hanging or strangulation	1															1												1		
158. Suicide by drowning	4	2										3	1														3	1		
159. Suicide by firearms	1																	1									1			
160. Suicide by cutting or piercing instruments																				1								1		
161. Suicide by jumping from a high place																														
162. Suicide by crushing	1												1														1			
163. Other suicides																														
164. Poisoning by food																														
165. Other acute poisonings	1																				1							1		
166. Conflagration	2	1										1						1									1	1		
167. Burns (conflagration excepted)	3								2											1								3		
168. Absorption of deleterious gases (conflagration excepted)	1																		1								1			
169. Accidental drowning	6		1				1		1	1			2						1								6			
170. Traumatism by firearms	1	1									1																1			
171. Traumatism by cutting or piercing instruments																														
172. Traumatism by fall	16	3		1	2			3	1			1	2	1	2		1	1		1	1	1			1	12	4			
173. Traumatism in mines and quarries																														
174. Traumatism by machines	1											1															1			
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)	18	2			2	2	1	5	4		1	1		3	1	1	1							1			16	2		
176. Injuries by animals																														
177. Starvation																														
178. Excessive cold																														
179. Effects of heat																														
180. Lightning																														
181. Electricity (lightning excepted)	2												1	1													2			
182. Homicide by firearms																														
183. Homicide by cutting or piercing instruments	1												1														1			
184. Homicide by other means	1																							1			1			
185. Fractures (cause not specified)																								1						
186. Other external violence																														
Totals of affections by external causes,	103	10		2	4	2	1	9	7	1	2	7	6	7	6	3	3	2	2	1	2	2	1	1		1	47	16		
XIV. Ill-defined Diseases.																														
187. Ill-defined organic disease																														
188. Sudden death	1			1					1																		1			
189. Cause of death not specified or ill-defined (doubtful)	6	2	5		1				6																		4	2		
Totals of ill-defined diseases	7	2	5	1	1				7																		5	2		
Totals from all causes,	325	82	168	32	31	15	11	210	25	13	20	27	50	40	45	45	42	54	34	40	45	35	37	30	11	5	437	386		

CAUSES OF DEATH.										AGE.										SEX.	
Date of death.										Additional deaths.											
										Deaths of non-residents.											
										Under 1 year.											
										1 year and under 2 years.											
										2 years and under 3 years.											
										3 years and under 4 years.											
										4 years and under 5 years.											
										Total under 5 years.											
										5 years and under 10 years.											
										10 years and under 15 years.											
										15 years and under 20 years.											
										20 years and under 25 years.											
										25 years and under 30 years.											
										30 years and under 35 years.											
										35 years and under 40 years.											
										40 years and under 45 years.											
										45 years and under 50 years.											
										50 years and under 55 years.											
										Color.											
										Condition.											
										Nativity.											
										Parentage.											
										Males.										Males.	
										Females.										Females.	

	CITY.			QUARANTINE.				CITY.			QUARANTINE.		
	June, 1910.	June, 1909.		June, 1910.	June, 1909.			June, 1910.	June, 1909.		June, 1910.	June, 1909.	
	Total	Non-res.		Total	Non-res.			Total	Non-res.		Total	Non-res.	
Cholera	—	—	—	—	—	—	Measles	756	—	372	1	—	4
Chicken-pox	86	—	65	—	—	—	Scarlatina	187	6	154	1	—	—
Cerebro-spinal meningitis	7	—	5	—	—	—	Smallpox	—	—	—	—	—	—
Diphtheria and croup	189	—	182	—	—	—	Typhus fever	—	—	—	—	—	—
Pulmonary and laryngeal tuberculosis	377	28	240	—	—	—	Typhoid fever	28	4	33	—	—	—
							Yellow fever	—	—	—	—	—	—

Cattle inspected, . . .	386	Cattle Condemned, 10 and parts	3,332 lbs.
Calves " . . .	608	Calves " 7 . .	220 "
Sheep " . . .	1	Sheep " ———	"
Hogs " . . .	2,176	Hogs " 5 and parts,	1,479 "

MEATS.	FISH.	MISCELLANEOUS.
Veal (immature), 106 lbs.	Lobsters (decayed), 203.	Fruit, 30 bush
“ (tainted), 272 “		
Poultry “ 261 “		
Beef “ 12 “		

Samples examined	Milk from Stores	537
" "	" " Wagons	607
" "	" brought in by Citizens	23
" "	" for bacteriological examination,	585
" "	Vinegar	77
" "	Butter and Cheese	73
	Total Samples,	1,902

DIPHTHERIA:	Positive for diagnosis	.	.	135	
	Positive for release	.	.	89	
	Negative for diagnosis	.	.	918	
	Negative for release	.	.	241	
	"No growth" cultures	.	.	5	1,386
TUBERCULOSIS:	Positive	.	.	.	96
	Negative	.	.	.	378
	Unsatisfactory	.	.	.	0
TYPHOID:	Positive	.	.	.	9
	Negative	.	.	.	99
	Unsatisfactory	.	.	.	1
GLANDERS:	Positive	.	.	.	9
	Negative	.	.	.	14
	Unsatisfactory	.	.	.	7

GONORRHEA						
OPHTHALMIA:	Positive	4				
	Negative	12				
	Unsatisfactory	0				16
GONORRHEA:						
	Positive	28				
	Negative	50				
	Unsatisfactory	1				79
Other examinations:						
	Positive	17				
	Negative	52				
	Unsatisfactory	1				70
BACTERIOLOGICAL MILK EXAMINATIONS						585
Total						2,749
SPECIAL WORK:		Milk sediments for T. B.; disinfectant experiments.				
		Examined cow feces for T. B.; Water analysis (1).				

* Malaria, K L Vir., Pneumococcus, G-U. T. B., etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of June, 1910, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.																																																																																																																																																																				
1	29.46	56	74	S.W.	0	Mean Barometer, 29.91.																																																																																																																																																																				
2	29.61	57	66	W.	0	Highest Barometer, 30.22 on the 25th.																																																																																																																																																																				
3	29.80	63	70	W.	.01	Lowest Barometer, 29.44 on the 1st.																																																																																																																																																																				
4	30.08	52	58	E.	0	Monthly Range of Barometer, .78.																																																																																																																																																																				
5	30.13	54	73	E.	0	Mean Temperature, 65.5°.																																																																																																																																																																				
6	29.86	56	92	E.	.61	Highest Temperature, 92° on the 21st.																																																																																																																																																																				
7	29.84	52	97	E.	.25	Lowest Temperature, 46° on the 4th.																																																																																																																																																																				
8	29.98	60	53	W.	0	Monthly Range of Temperature, 46°.																																																																																																																																																																				
9	30.12	66	55	W.	.01	Greatest Daily Range of Temperature, 24° on the 30th.																																																																																																																																																																				
10	30.10	56	95	N. E.	1.25	Least Daily Range of Temperature, 2° on the 11th.																																																																																																																																																																				
11	30.14	52	97	N. E.	.36	Mean Daily Range of Temperature, 15.4°.																																																																																																																																																																				
12	30.10	54	98	N. E. & E.	1.24	Mean Daily Dew-point, 54.5°.																																																																																																																																																																				
13	30.04	66	66	W.	0	Mean Daily Relative Humidity, 72.2.																																																																																																																																																																				
14	29.98	76	48	W.	0	Prevailing Direction of Wind, W.																																																																																																																																																																				
15	30.00	72	60	E.	0	Total Movement of Wind, 6,650 miles.																																																																																																																																																																				
16	30.10	59	89	N. E.	.34	Highest Velocity of Wind and Direction, 33—N.E. on the 10th.																																																																																																																																																																				
17	29.94	60	96	N. E.	.45	Number of Foggy Days, 2.																																																																																																																																																																				
18	29.68	70	85	S.W., E.	.08	Number of Fair Days, 11.																																																																																																																																																																				
19	29.76	68	86	E.	0	Number of Cloudy Days, 12.																																																																																																																																																																				
20	29.88	7	73	S.W.	0	Total Number of Days on which Rain or Snow fell, 12.																																																																																																																																																																				
21	29.82	80	64	W.	0	Depth of Unmelted Snow on ground at end of month, 0.																																																																																																																																																																				
22	29.84	80	59	W.	0	Dates of Auroras, none.																																																																																																																																																																				
23	29.80	76	64	W.	0	Dates of Lunar Halos, 13, 14, 15, 19.																																																																																																																																																																				
24	30.02	67	73	E.	.28	Dates of Solar Halos, 9, 13, 15.																																																																																																																																																																				
25	30.22	65	73	N.	0	Thunder Storms, 7, 18, 24.																																																																																																																																																																				
26	30.14	70	70	W.	0	Dates of Frosts, none.																																																																																																																																																																				
27	29.88	72	66	S.W.	0	Mean Maximum Temperature, 72.8.																																																																																																																																																																				
28	29.68	75	70	W.	.01	Mean Minimum Temperature, 57.5.																																																																																																																																																																				
29	29.82	72	45	N.W.	0																																																																																																																																																																					
30	29.86	75	43	W. & N.W.	0																																																																																																																																																																					
31	—	—	—	—	—																																																																																																																																																																					
TOTALS					4.89																																																																																																																																																																					
MEANS	29.92	65.2	72.2	W.	.16																																																																																																																																																																					
						<table><tr><th colspan="2">MEAN TEMPERATURE for this month in</th><th colspan="2">Total Precipitation for this Month in inches</th></tr><tr><td>1871</td><td>66</td><td>1871</td><td>5.55</td></tr><tr><td>1872</td><td>69</td><td>1872</td><td>4.84</td></tr><tr><td>1873</td><td>67</td><td>1873</td><td>0.54</td></tr><tr><td>1874</td><td>66</td><td>1874</td><td>3.94</td></tr><tr><td>1875</td><td>67</td><td>1875</td><td>7.25</td></tr><tr><td>1876</td><td>69</td><td>1876</td><td>1.72</td></tr><tr><td>1877</td><td>67</td><td>1877</td><td>3.81</td></tr><tr><td>1878</td><td>65</td><td>1878</td><td>2.28</td></tr><tr><td>1879</td><td>65</td><td>1879</td><td>6.24</td></tr><tr><td>1880</td><td>69</td><td>1880</td><td>0.75</td></tr><tr><td>1881</td><td>62</td><td>1881</td><td>7.79</td></tr><tr><td>1882</td><td>67</td><td>1882</td><td>1.03</td></tr><tr><td>1883</td><td>70</td><td>1883</td><td>2.07</td></tr><tr><td>1884</td><td>67</td><td>1884</td><td>4.01</td></tr><tr><td>1885</td><td>67</td><td>1885</td><td>3.70</td></tr><tr><td>1886</td><td>68</td><td>1886</td><td>1.34</td></tr><tr><td>1887</td><td>65</td><td>1887</td><td>1.98</td></tr><tr><td>1888</td><td>67</td><td>1888</td><td>2.69</td></tr><tr><td>1889</td><td>69</td><td>1889</td><td>2.77</td></tr><tr><td>1890</td><td>64</td><td>1890</td><td>2.21</td></tr><tr><td>1891</td><td>65</td><td>1891</td><td>3.06</td></tr><tr><td>1892</td><td>70</td><td>1892</td><td>3.05</td></tr><tr><td>1893</td><td>65</td><td>1893</td><td>2.20</td></tr><tr><td>1894</td><td>69</td><td>1894</td><td>0.80</td></tr><tr><td>1895</td><td>67</td><td>1895</td><td>1.73</td></tr><tr><td>1896</td><td>66</td><td>1896</td><td>2.71</td></tr><tr><td>1897</td><td>62</td><td>1897</td><td>4.46</td></tr><tr><td>1898</td><td>66</td><td>1898</td><td>1.60</td></tr><tr><td>1899</td><td>70</td><td>1899</td><td>2.86</td></tr><tr><td>1900</td><td>69</td><td>1900</td><td>1.85</td></tr><tr><td>1901</td><td>68</td><td>1901</td><td>1.31</td></tr><tr><td>1902</td><td>64</td><td>1902</td><td>1.77</td></tr><tr><td>1903</td><td>60</td><td>1903</td><td>7.19</td></tr><tr><td>1904</td><td>64</td><td>1904</td><td>2.06</td></tr><tr><td>1905</td><td>65</td><td>1905</td><td>5.23</td></tr><tr><td>1906</td><td>66</td><td>1906</td><td>2.67</td></tr><tr><td>1907</td><td>65</td><td>1907</td><td>2.56</td></tr><tr><td>1908</td><td>71</td><td>1908</td><td>1.08</td></tr><tr><td>1909</td><td>69</td><td>1909</td><td>4.45</td></tr><tr><td>1910</td><td>65</td><td>1910</td><td>4.89</td></tr></table>	MEAN TEMPERATURE for this month in		Total Precipitation for this Month in inches		1871	66	1871	5.55	1872	69	1872	4.84	1873	67	1873	0.54	1874	66	1874	3.94	1875	67	1875	7.25	1876	69	1876	1.72	1877	67	1877	3.81	1878	65	1878	2.28	1879	65	1879	6.24	1880	69	1880	0.75	1881	62	1881	7.79	1882	67	1882	1.03	1883	70	1883	2.07	1884	67	1884	4.01	1885	67	1885	3.70	1886	68	1886	1.34	1887	65	1887	1.98	1888	67	1888	2.69	1889	69	1889	2.77	1890	64	1890	2.21	1891	65	1891	3.06	1892	70	1892	3.05	1893	65	1893	2.20	1894	69	1894	0.80	1895	67	1895	1.73	1896	66	1896	2.71	1897	62	1897	4.46	1898	66	1898	1.60	1899	70	1899	2.86	1900	69	1900	1.85	1901	68	1901	1.31	1902	64	1902	1.77	1903	60	1903	7.19	1904	64	1904	2.06	1905	65	1905	5.23	1906	66	1906	2.67	1907	65	1907	2.56	1908	71	1908	1.08	1909	69	1909	4.45	1910	65	1910	4.89
MEAN TEMPERATURE for this month in		Total Precipitation for this Month in inches																																																																																																																																																																								
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1887	65	1887	1.98																																																																																																																																																																							
1888	67	1888	2.69																																																																																																																																																																							
1889	69	1889	2.77																																																																																																																																																																							
1890	64	1890	2.21																																																																																																																																																																							
1891	65	1891	3.06																																																																																																																																																																							
1892	70	1892	3.05																																																																																																																																																																							
1893	65	1893	2.20																																																																																																																																																																							
1894	69	1894	0.80																																																																																																																																																																							
1895	67	1895	1.73																																																																																																																																																																							
1896	66	1896	2.71																																																																																																																																																																							
1897	62	1897	4.46																																																																																																																																																																							
1898	66	1898	1.60																																																																																																																																																																							
1899	70	1899	2.86																																																																																																																																																																							
1900	69	1900	1.85																																																																																																																																																																							
1901	68	1901	1.31																																																																																																																																																																							
1902	64	1902	1.77																																																																																																																																																																							
1903	60	1903	7.19																																																																																																																																																																							
1904	64	1904	2.06																																																																																																																																																																							
1905	65	1905	5.23																																																																																																																																																																							
1906	66	1906	2.67																																																																																																																																																																							
1907	65	1907	2.56																																																																																																																																																																							
1908	71	1908	1.08																																																																																																																																																																							
1909	69	1909	4.45																																																																																																																																																																							
1910	65	1910	4.89																																																																																																																																																																							

Average mean temperature for 40 years, 66°.

Average monthly precipitation for 40 years, 3.08 inches.

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HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of July, 1910.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of July, 1910	925
Population estimated at 673,745	Rate per 1,000 inhabitants, 16.17
Deaths of non-residents, 110	*Corrected rate per 1,000 inhabitants, 14.24

Total number 925

SEX.

Males 483
Females 442

CONDITION.

Single 509
Married 278
Widowed 125
Divorced 4
Unknown 9

COLOR.

White 905
Black (Negro or mixed) 19
Chinese 1

Total deaths of children, { Under 1 year 225
Under 2 years 270
Under 5 years 318

NATIVITY.

United States 629
Ireland 128
England and Wales 24
Scotland 8
Germany 10
Canada 52
Italy 18
Russia and Poland 22
Sweden and Norway 5
France 1
Other Countries 18
Unknown 10

NATIVITY OF MOTHERS.

United States 258
Ireland 282
England and Wales 26
Scotland 12
Germany 14
Canada 98
Italy 67
Russia and Poland 61
Sweden and Norway 16
France 1
Other Countries 24
Unknown 66
Still-births during the month 55

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for July, 1910.	AGE.																				SEX.					
		Deaths of non-residents.																				Males.	Females.				
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.			75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.
I. General Diseases.																											
1. Typhoid fever	5					1	1		1	2					1										2	3	
2. Typhus fever																											
3. Relapsing fever																											
4. Intermittent fever and malarial cachexia (a) Malarial cachexia*																											
5. Smallpox																											
6. Measles	9	2	4	2			8		1																6	3	
7. Scarlet fever	3	1			1	1	3																		2	1	
8. Whooping cough	5	1	1	2		1	5																			5	
9. Diphtheria and croup	15	1	2	3	4		9	4	1						1										5	10	
10. Influenza																											
11. Miliary fever																											
12. Asiatic cholera																											
13. Cholera nostras																											
14. Dysentery	3		1			1	2													1					1	2	
15. Plague																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	4		1				1		1		1					1									1	3	
19. Other epidemic diseases																											
20. Purulent infection and septicæmia	1															1									1		
21. Glanders																											
22. Anthrax																											
23. Rabies																											
24. Tetanus	2													1			1								1	1	
25. Mycoses																											
26. Peliagra																											
27. Beriberi																											
28. Tuberculosis of the lungs	83	6	1	1	1		8			4	6	14	12	15	13	5	5	2		2	2				80	44	
29. Acute miliary tuberculosis	3							1							1		1								2	1	
30. Tuberculous meningitis	9		4	1	1	1	8		1																4	5	
31. Abdominal tuberculosis	4	1				1	1				1	1	1												2	2	
32. Pott's disease																											
33. White swelling	1												1													1	
34. Tuberculosis of other organs	3								1						1	1									1	2	
35. Disseminated tuberculosis																											
36. Rickets																											
37. Syphilis	3	2	1				1								1		1								3		
38. Gonococcus infection	1	1	1				1																			1	
39. Cancer and other malignant tumors of the buccal cavity																											
40. Cancer and other malignant tumors of the stomach, liver	18													1	1		2	5	2	3	2	1	1		8	10	
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	8	1													2	1		2		1		2			4	4	
42. Cancer and other malignant tumors of the female genital organs	7	2													2		2	1	1				1		7		
43. Cancer and other malignant tumors of the breast	3																1		1		1				3		
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of other organs and of organs not specified	11	2	1			1	2		1								1	2	3	1		1			8	3	

* Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1910.	Deaths of non-residents.	AGE.																				SEX.				
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and over.	Males.	Females.			
I. General Diseases.—Concluded.																											
46. Other tumors (tumors of the female genital organs excepted)																											
47. Acute articular rheumatism	4								2	1				1										4			
48. Chronic rheumatism and gout	1																		1								
49. Scurvy																											
50. Diabetes	6														2			1	1	2				4	2		
51. Exophthalmic goitre	1	1															1							1			
52. Addison's disease	1																1							1			
53. Leuchæmia	1													1										1			
54. Anæmia, chlorosis	8																1			2				2	1		
55. Other general diseases	3	1	1	1				2											1					2	1		
56. Alcoholism (acute or chronic)	9	1													5	2	2							7	2		
57. Chronic lead poisoning																											
58. Other chronic occupation poisonings																											
59. Other chronic poisonings																											
Totals of general diseases	230	19	13	12	9	7	6	47	7	4	8	8	15	19	26	21	16	13	13	11	10	8	3	1	111	119	
II. Diseases of the Nervous System and of the Organs of Special Sense.																											
60. Encephalitis																											
61. Meningitis {	1. Simple meningitis	9	2	4	3	1			8					1											7	2	
	2. Cerebro-spinal meningitis (undefined)	2	1		1				1					1											2		
	3. Cerebro-spinal fever	1							1																1		
62. Locomotor ataxia	4													1					1	1		1		2	2		
63. Other diseases of the spinal cord	2																	1		1				1	1		
(a) Acute Anterior Poliomyelitis*																											
64. Cerebral hemorrhage, apoplexy	48	2										1	1	1	2	5	6	4	9	5	2	6	3	3	22	26	
65. Softening of the brain																											
66. Paralysis without specified cause	1									1															1		
67. General paralysis of the insane	5														1		2		1				1		2	3	
68. Other forms of mental alienation	1																				1				1		
69. Epilepsy	3											1							1			1			3		
70. Convulsions (non-puerperal)																											
71. Convulsions of Infants	2	1	1		1			2																	2		
72. Chorea	1													1											1		
73. Neuralgia and Neuritis	2													1		1									2		
74. Other diseases of the nervous system	3	2			1		1					1			1										2	1	
75. Diseases of the eyes and their annexa																											
76. Diseases of the ears	3	1		1				1						1						1					1	2	
Totals of nervous system, etc.,	87	9	5	5	2	1		13	1	2		1	4	3	2	5	6	9	5	12	7	2	9	4	3	44	43
III. Diseases of the Circulatory System.																											
77. Pericarditis	3													1			1			1					3		
78. Acute endocarditis	11	3						1					2				1	3		1	2		1		7	4	
79. Organic diseases of the heart	72	6		1			1	2	2	3	2	2	1	3	4	6	4	2	9	5	9	10	3	3	1	29	43
80. Angina pectoris	2	1							1																1	1	
81. Diseases of the arteries, atheroma, aneurism, etc.	14	2																1	1	1	3	4	3	1		6	8
82. Embolism and thrombosis	3	1															1	1			1				1	2	

* Deaths under italicized headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for July, 1906.	Deaths of non-residents.	AGE.																												Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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III. Diseases of the Circulatory System.—Concluded.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	1	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

* Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																										SEX.		
	Total Mortality for July, 1916.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
XI. Diseases of Early Infancy.—Concluded.																													
153. Lack of care																													
Totals of early infancy	66	5	66					66																				89	27
XII. Old Age.																													
154. Senility	4																						2		2			4	
XIII. Affections Produced by External Causes.																													
155. Suicide by poison	3	1										1				1				1								3	
156. Suicide by asphyxia	3											1	1					1										2	1
157. Suicide by hanging or strangulation																													
158. Suicide by drowning	1												1															1	
159. Suicide by firearms	3																	1		1		1						3	
160. Suicide by cutting or piercing instruments																													
161. Suicide by jumping from a high place																													
162. Suicide by crushing																													
163. Other suicides																													
164. Poisoning by food																													
165. Other acute poisonings	1					1	1																					1	
166. Conflagration	2	1													1				1									1	1
167. Burns (conflagration excepted)	8	1		1	2	3	2					1	1			1												5	3
168. Absorption of deleterious gases (conflagration excepted)	1												1															1	
169. Accidental drowning	4	1										1		3														4	
170. Traumatism by firearms																													
171. Traumatism by cutting or piercing instruments																													
172. Traumatism by fall	12	1			1	1		1	1	1	2	1			1	2		1		1								12	
173. Traumatism in mines and quarries																													
174. Traumatism by machines	1	1												1														1	
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)	16	4		2		2	3							2	3	2	1			3								11	5
176. Injuries by animals																													
177. Starvation																													
178. Excessive cold																													
179. Effects of heat	3								1							1	1											3	
180. Lightning																													
181. Electricity (lightning excepted)	1													1														1	
182. Homicide by firearms	3	3											1	2														3	
183. Homicide by cutting or piercing instruments																													
184. Homicide by other means	3		1	1			2								1													3	1
185. Fractures (cause not specified)	1														1													1	
186. Other external violence	3	1										1	2															1	2
Totals of affections by external causes,	69	13	1	2	2	4		9	6	1	1	7	8	11	5	4	4	4	1	6		2						56	13
XIV. Ill-defined Diseases.																													
187. Ill-defined organic disease	1																1											1	
188. Sudden death	5	1	1				1				1					1		1	1									2	3
189. Cause of death not specified or ill-defined	9	1	6		1	7										2												4	5
Totals of ill-defined diseases	15	2	7		1	8				1						4		1	1									6	9
Totals from all causes,	925	110	225	45	21	18	9	318	20	14	16	25	39	41	45	60	43	61	34	58	46	33	38	16	9	4	483	441	

[illegible]

	CITY.			QUARANTINE.			CITY.			QUARANTINE.			
	July, 1910	July, 1909		July, 1910	July, 1909		July, 1910	July, 1909		July, 1910	July, 1909		
	Total	Non- res.		Total	Non- res.		Total	Non- res.		Total	Non- res.		
Cholera	—	—	—	—	—	—	Measles	238	—	177	—	—	4
Chicken-pox	30	1	20	1	—	1	Scarlatina	85	8	79	—	—	—
Cerebro-spinal meningitis . .	4	1	8	—	—	—	Smallpox	—	—	—	—	—	—
Diphtheria and croup . . .	163	4	144	—	—	—	Typhus fever	—	—	—	—	—	—
Pulmonary and laryngeal							Typhoid fever	42	—	34	—	—	—
tuberculosis	348	36	233	—	—	—	Yellow fever	—	—	—	—	—	—

Cattle inspected,	272	Cattle Condemedned,	4	1,375 lbs.
Calves "	368	Calves "	4	140 "
Sheep "	—	Sheep "	—	"
Hogs "	1,877	Hogs "	parts,	937 "

MEATS.	
Veal (immature), . . . 71 lbs.	Mutton (tainted), . . . 67 lbs.
" (tainted), . . . 637 "	Beef " . . . 257 "
Poultry " . . . 42 "	Pork " . . . 59 "

Examination as to Statute requirements.

Samples examined	Milk from Stores	554
" "	" " Wagons	647
" "	" brought in by Citizens	39
" "	" for bacteriological examination,	466
" "	Vinegar	126
" "	Butter and Cheese	40
	Total Samples,	1,872

DIPHTHERIA:	Positive for diagnosis . . .	107	
	Positive for release . . .	64	
	Negative for diagnosis . . .	551	
	Negative for release . . .	201	
	"No growth" cultures . . .	3	920
TUBERCULOSIS:	Positive	154	
	Negative	551	
	Unsatisfactory	0	705
TYPHOID:	Positive	20	
	Negative	160	
	Unsatisfactory	1	181
GLANDERS:	Positive	5	
	Negative	9	
	Unsatisfactory	4	18

GONORRHEA						
OPHTHALMIA:	Positive	1				
	Negative	7				
	Unsatisfactory	0			8	
GONORRHEA:						
	Positive	42				
	Negative	50				
	Unsatisfactory	0			92	
Other examinations:*						
	Positive	14				
	Negative	41				
	Unsatisfactory	2			57	
BACTERIOLOGICAL MILK EXAMINATIONS						466
Total						2,458
SPECIAL WORK:		Milk sediments for T.B.; disinfectant experiments, Examined cow feces for T.B.; Water analysis (3); Analyses ice cream cones for boric acid and boron comp.; Analyses of sand for pollution (3).				

* Malaria, K L Vir., Pneumococcus, Gen. Urin. T. B., Rabies, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of July, 1910, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.82	76	52	S.W.	0	Mean Barometer, 29.88.
2	29.74	80	63	N.W.	0	Highest Barometer, 30.20 on the 20th.
3	29.80	72	70	E.	0	Lowest Barometer, 29.60 on the 4th.
4	29.76	72	66	N.W. & S.W.	0	Monthly Range of Barometer, 0.60.
5	30.09	74	49	W.	0	Mean Temperature, 74.9°.
6	30.06	74	59	W.	0	Highest Temperature, 94° on the 11th.
7	29.86	78	52	S.W.	0	Lowest Temperature, 58° on the 20th.
8	29.78	78	83	S.W.	.16	Monthly Range of Temperature, 36°.
9	29.92	78	69	E.	0	Greatest Daily Range of Temperature, 26° on the 7th.
10	29.90	84	74	S.W.	0	Least Daily Range of Temperature, 8° on the 18th.
11	29.96	84	50	W.	0	Mean Daily Range of Temperature, 16.6°.
12	30.12	78	50	N.W.	0	Mean Daily Dew-point, 60.9°.
13	29.94	78	66	W.	.03	Mean Daily Relative Humidity, 74.8.
14	30.08	75	54	N.W.	0	Prevailing Direction of Wind, S.W.
15	29.88	78	52	W.	0	Total Movement of Wind, 8,807 miles.
16	29.74	70	74	N.W.	.22	Highest Velocity of Wind and Direction, 27—N. on the 4th.
17	29.79	70	82	S.E.	0	Number of Foggy Days, none.
18	30.00	65	76	N. & N.E.	0	Number of Clear Days, 12.
19	30.15	64	76	N.	0	Total Number of Days on which Rain or Snow fell, 6.
20	30.16	64	66	E.	0	Depth of Unmelted Snow on ground at end of month, none.
21	30.02	74	66	S.W.	0	Dates of Auroras, none.
22	29.90	73	72	S.W.	0	Dates of Lunar Halos, none.
23	29.99	78	66	S.W.	0	Dates of Solar Halos, none.
24	29.98	82	70	S.W.	*T	Dates of Frosts, none.
25	29.74	84	86	S.W.	.41	Mean Maximum Temperature, 83.2.
26	29.66	78	58	W.	0	Mean Minimum Temperature, 66.6.
27	29.72	78	61	S.W.	0	MEAN TEMPERATURE for this month in
28	29.70	72	76	S.E.	.15	Total Precipitation for this Month in inches
29	29.84	73	54	S.E.	0	1871 71
30	29.68	72	74	S.W.	.18	1872 76
31	29.80	71	56	N.W.	0	1873 73
TOTALS					1.15	1874 78
MEANS	29.89	74.9	65.0	S.W.	0.64	1875 72
						1876 74
						1877 71
						1878 74
						1879 71
						1880 73
						1881 70
						1882 73
						1883 72
						1884 69
						1885 72
						1886 71
						1887 75
						1888 69
						1889 69
						1890 71
						1891 60
						1892 73
						1893 71
						1894 74
						1895 69
						1896 72
						1897 72
						1898 72
						1899 73
						1900 74
						1901 73
						1902 68
						1903 71
						1904 71
						1905 78
						1906 70
						1907 72
						1908 74
						1909 72
						1910 75

Average mean temperature for 40 years, 72°.

Average monthly precipitation for 40 years, 3.18 inches.

*T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of August, 1910.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of August, 1910	909
Population estimated at 673,745	Rate per 1,000 inhabitants, 15.89
Deaths of non-residents, 112	*Corrected rate per 1,000 inhabitants, 13.93

Total number 909

SEX.

Males 479

Females 430

CONDITION.

Single 506

Married 230

Widowed 162

Divorced 7

Unknown 4

COLOR.

White 881

Black (Negro or mixed) 26

Chinese 2

Total deaths of children,	Under 1 year	254
	Under 2 years	302
	Under 5 years	385

NATIVITY.

United States 593

Ireland 143

England and Wales 19

Scotland 4

Germany 14

Canada 53

Italy 20

Russia and Poland 30

Sweden and Norway 12

France 1

Other Countries 11

Unknown 9

NATIVITY OF MOTHERS.

United States 238

Ireland 271

England and Wales 27

Scotland 15

Germany 20

Canada 81

Italy 68

Russia and Poland 80

Sweden and Norway 16

France 3

Other Countries 18

Unknown 72

Still-births during the month 49

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	AGE.																										SEX.		
	Total Mortality for August, 1910.	Deaths of non-residents.																									Males.	Females.	
I. General Diseases.																													
1. Typhoid fever	9	2																										5	4
2. Typhus fever																													
3. Relapsing fever																													
4. Intermittent fever and malarial cachexia (a) Malarial cachexia*																													
5. Smallpox																													
6. Measles	9		4	4				1	9																			4	5
7. Scarlet fever	6	1		1	1			1	3	2	1																	5	1
8. Whooping cough	3		2	1					3																			2	1
9. Diphtheria and croup	11	1	2	1	2	3	1	9	2																			3	8
10. Influenza																													
11. Miliary fever																													
12. Asiatic cholera																													
13. Cholera nostras																													
14. Dysentery	3		2					2											1									2	1
15. Plague																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	1	1													1														1
19. Other epidemic diseases																													
20. Purulent infection and septicemia	1	1	1					1																				1	
21. Glanders																													
22. Anthrax																													
23. Rabies																													
24. Tetanus	3		1					1						1					1									1	2
25. Mycoses																													
26. Pellagra																													
27. Beriberi																													
28. Tuberculosis of the lungs	80	7					1	1			5	13	14	6	11	4	9	6	1	3	3	1	2	1				41	39
29. Acute miliary tuberculosis	5	1		2	1		3								1	1												3	2
30. Tuberculous meningitis	13	1	2	5	3	1		11	1		1																	7	6
31. Abdominal tuberculosis																													
32. Pott's disease																													
33. White swelling	1																		1									1	
34. Tuberculosis of other organs	1			1			1																					1	
35. Disseminated tuberculosis																													
36. Rickets																													
37. Syphilis	1	1	1				1																					1	
38. Gonococcus infection																													
39. Cancer and other malignant tumors of the buccal cavity	8																		1	1			1					3	
40. Cancer and other malignant tumors of the stomach, liver	12	1											2		3			1	2	1	2	2	1					4	8
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	8	1									1							3		1	1	2						5	8
42. Cancer and other malignant tumors of the female genital organs	6														1				1		2	1			1				6
43. Cancer and other malignant tumors of the breast	6														1	2		2					1						6
44. Cancer and other malignant tumors of the skin																													
45. Cancer and other malignant tumors of other organs and of organs not specified	6	4															3		1	2								4	7

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1910. Deaths of non-residents.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																													
46. Other tumors (tumors of the female genital organs excepted)																													
47. Acute articular rheumatism	3							1	1								1										3		
48. Chronic rheumatism and gout	1																				1						1		
49. Scurvy	1	1					1																				1		
50. Diabetes	13								1	1		1					1	3	1	3		2					8	5	
51. Exophthalmic goitre																													
52. Addison's disease	1												1														1		
53. Leuchæmia	1																										1		
54. Anæmia, chlorosis	5	2	1				1					1	1				2										2	3	
55. Other general diseases	2																	1		1							1	1	
56. Alcoholism (acute or chronic)	6											3				1	1		1								5	1	
57. Chronic lead poisoning																													
58. Other chronic occupation poisonings																													
59. Other chronic poisonings																													
Totals of general diseases	221	24	17	14	8	4	4	47	7	4	6	15	20	14	14	16	12	11	14	9	12	8	2	3	1	115	106		
II. Diseases of the Nervous System and of the Organs of Special Sense.																													
60. Encephalitis	1												1														1		
61. Meningitis {	3	1		2			3																				1	2	
62. Locomotor ataxia	1																1										1		
63. Other diseases of the spinal cord	4	1		1		1	2	1								1											2	2	
(a) Acute Anterior Poliomyelitis*	3	1		1		1	2	1																			2	1	
64. Cerebral hemorrhage, apoplexy	45	2	1				1						1		3	1	3	7	8	2	4	6	5	3	1	24	21		
65. Softening of the brain	1																					1					1		
66. Paralysis without specified cause	3																	2		1							2	1	
67. General paralysis of the insane	3															2							1				2	1	
68. Other forms of mental alienation	1																1										1		
69. Epilepsy	1													1													1		
70. Convulsions (non-puerperal)																													
71. Convulsions of infants	2		2				2																				1	1	
72. Chorea																													
73. Neuralgia and Neuritis	1	1																		1							1		
74. Other diseases of the nervous system	1	1												1													1		
75. Diseases of the eyes and their annexa																													
76. Diseases of the ears	2		1				1												1								2		
Totals of nervous system, etc.,	69	5	5	1	2	1	9	1					1	1	3	5	2	6	7	10	3	4	7	6	3	1	35	34	
III. Diseases of the Circulatory System.																													
77. Pericarditis	1	1																	1								1		
78. Acute endocarditis	3							1						1	1												2	1	
79. Organic diseases of the heart	87	4	1				1	4	4	1	2		3	6	3	7	7	8	8	9	6	5	9	1	3	31	56		
80. Angina pectoris	3																1		2								3		
81. Diseases of the arteries, atheroma, aneurism, etc.	10	1												1	1		1	1	2	1	1	1	1	1	1	6	4		
82. Embolism and thrombosis	5															1	1		2			1				4	1		

* Deaths under italicized headings are included in those of main heading.

CAUSES OF DEATH

* Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		AGE.																				SEX.							
		Total Mortality for August, 1910.	Deaths of non-accidentals.																			Males.	Females.						
		Under 1 year.																											
		Under 2 years.																											
		Under 3 years.																											
		Under 4 years.																											
		Under 5 years.																											
		Total under 5 years.																											
		Under 10 years.																											
		Under 15 years.																											
		Under 20 years.																											
		Under 25 years.																											
		Under 30 years.																											
		Under 35 years.																											
		Under 40 years.																											
		Under 45 years.																											
		Under 50 years.																											
		Under 55 years.																											
		Under 60 years.																											
		Under 65 years.																											
		Under 70 years.																											
		Under 75 years.																											
		Under 80 years.																											
		Under 85 years.																											
		Under 90 years.																											
		Over 90 years.																											
VI. Non-venereal Diseases of the Genito-Urinary System and Annexa.																													
119.	Acute nephritis	5	1																		8	2							
120.	Bright's disease	50	8																		21	2							
121.	Chyluria																												
122.	Other diseases of the kidneys and annexa	7	1																		3	4							
123.	Calculi of the urinary passages	1																			1								
124.	Diseases of the bladder	1																				1							
125.	Other diseases of the urethra, urinary abscess, etc.	2	1																		2								
126.	Diseases of the prostate	4	2																			4							
127.	Non-venereal diseases of the male genital organs																												
128.	Uterine hemorrhage (non-puerperal)																												
129.	Uterine tumor (non-cancerous)																												
130.	Other diseases of the uterus	1																				1							
131.	Cysts and other tumors of the ovary	2	2																			2							
132.	Salpingitis and other diseases of the female genital organs	1	1																			1							
133.	Non-puerperal diseases of the breast (cancer excepted)																												
Totals of genito-urinary system		74	10	1		1			2			2	1	1	3	4	5	13	7	6	5	10	6	2	1	1	34	40	
VII. Puerperal State.																													
134.	Accidents of pregnancy	1																									1		
135.	Puerperal hemorrhage																												
136.	Other accidents of labor	2	1										1	1													2		
137.	Puerperal septicemia	1														1											1		
138.	Puerperal albuminuria and convulsions	3	1												1	1	1										3		
139.	Puerperal phlegmasia alba dolens, embolus, sudden death																												
140.	Following child birth (not otherwise defined)																												
141.	Puerperal diseases of the breast																												
Totals of puerperal state		7	2										1	3	1	2											7		
VIII. Diseases of the Skin and of the Cellular Tissue.																													
142.	Gangrene	2																									1		
143.	Furuncle																												
144.	Acute abscess	4	1	2					2										1			1					3	1	
145.	Other diseases of the skin and annexa,																		1			2	1				4	2	
Totals of skin tissue		6	1	2					2											1			2	1				4	2
IX. Diseases of the Bones and of the Organs of Locomotion.																													
146.	Diseases of the bones (tuberculosis excepted)	4	1							1	1								1								3	1	
147.	Diseases of the joints (tuberculosis and rheumatism excepted)																												
148.	Amputations																												
149.	Other diseases of the organs of locomotion																												
Totals of bones and organs of locomotion,		4	1							1	1									1				1				3	1
X. Malformations.																													
150.	Congenital malformations (still-births not included).	4		4					4																			4	
XI. Diseases of Early Infancy.																													
151.	Congenital debility, icterus, and sclerema	46	4	46					46																			25	21
152.	Other diseases peculiar to early infancy,	5		5					5																			1	4

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

[illegible]

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF AUGUST, 1910, AND FOR THE CORRESPONDING MONTH IN 1909.

	CITY.			QUARANTINE.				CITY.			QUARANTINE.		
	Aug., 1916		Aug., 1909	Aug., 1916		Aug., 1909		Aug., 1916		Aug., 1909	Aug., 1916		Aug., 1909
	Total	Non-res.		Total	Non-res.			Total	Non-res.		Total	Non-res.	
Cholera	—	—	—	—	—	—	Measles	82	3	63	2	—	—
Chicken-pox	18	—	11	1	—	—	Scarlatina	78	6	88	—	—	—
Cerebro-spinal meningitis	3	—	9	—	—	—	Smallpox	—	—	—	—	—	—
Diphtheria and croup	161	6	143	—	—	—	Typhus fever	—	—	—	—	—	—
Pulmonary and laryngeal tuberculosis	341	17	263	—	—	—	Typhoid fever	105	4	74	—	—	—
							Yellow fever	—	—	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	443	Cattle Condemned, parts	26 lbs.
Calves "	364	Calves " 5	165 "
Sheep "	22	Sheep "	— "
Hogs "	3,098	Hogs " 4 and parts, 2,450	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	MISCELLANEOUS.
Veal (immature), . . . 184 lbs.	800 lbs.	Vegetables, 1 bush.
" (tainted), . . . 70 "		Fruit, . . . 2½ "
Poultry " . . . 60 "		
Beef " . . . 52 "		
" (not stamped), . . . 134 "		
Pork (tainted), . . . 21 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	417
"	" Wagons	599
"	" brought in by Citizens	36
"	" for bacteriological examination,	565
"	Vinegar	112
"	Butter and Cheese	47
"	Meat	2
"	Ice Cream	5

Total Samples, 1,783

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	. .	99	
	Positive for release	. .	71	
	Negative for diagnosis	. .	543	
	Negative for release	. .	185	
	"No growth" cultures	. .	7	885
TUBERCULOSIS:	Positive	. . . .	111	
	Negative	. . . .	318	
	Unsatisfactory	. . . .	0	429
TYPHOID:	Positive	. . . .	63	
	Negative	. . . .	226	
	Atypical	. . . .	16	305
GLANDERS:	Positive	. . . .	7	
	Negative	. . . .	4	
	Unsatisfactory	. . . .	10	21

GONORRHEA					
OPHTHALMIA:	Positive	0			
	Negative	11			
	Unsatisfactory	0			11
GONORRHEA:					
	Positive	20			
	Negative	75			
	Unsatisfactory	0			95
Other examinations:*					
	Positive	21			
	Negative	61			
	Unsatisfactory	2			84
BACTERIOLOGICAL MILK EXAMINATIONS					565
Total					<u>2,395</u>

SPECIAL WORK: Milk sediments for T.B.; disinfectant experiments. Examined cow feces for T.B.; Powder tested for morphine; Water analysis (1); Analyses of sand from playgrounds (3); Bread for mould.

* Malaria, K L Vir., Pneumococcus, Gen. Urin. T. B., Dysentery, Para Typholds, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of August, 1910, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.02	70	54	S.W.	0	Mean Barometer, 30.08.
2	30.03	72	74	S.W.	.01	Highest Barometer, 30.39 on the 30th.
3	30.06	69	80	E.	0	Lowest Barometer, 29.68 on the 4th.
4	29.76	74	88	S.W.	.02	Monthly Range of Barometer, 0.71.
5	29.72	72	59	W.	0	Mean Temperature, 68.8°.
6	29.80	70	58	W.	0	Highest Temperature, 86° on the 14th.
7	29.92	70	64	N.W. & E.	0	Lowest Temperature, 54° on the 31st.
8	30.02	67	72	E.	0	Monthly Range of Temperature, 57°.
9	30.11	65	92	E.	0	Greatest Daily Range of Temperature, 24° on the 14th.
10	30.11	64	90	S.E.	*T	Least Daily Range of Temperature, 4° on the 16th.
11	29.98	65	94	N. & E.	.41	Mean Daily Range of Temperature, 14.2°.
12	30.09	72	60	N.W.	0	Mean Daily Dew-point, 59.7°.
13	30.16	74	64	S.W.	0	Mean Daily Relative Humidity, 76.2.
14	30.10	76	68	S.W.	0	Prevailing Direction of Wind, S.W.
15	30.10	76	85	W.	.01	Total Movement of Wind, 6,823 miles.
16	30.16	65	92	N.E.	.02	Highest Velocity of Wind and Direction, 27—S.W. on the 28th.
17	30.37	66	88	E.	0	Number of Foggy Days, 2. Number of Fair Days, 8.
18	30.24	66	83	E.	0	Number of Clear Days, 8.
19	29.97	69	92	S.W.	.43	Total Number of Days on which Rain or Snow fell, 7.
20	30.08	64	67	N.	0	Depth of Unmelted Snow on ground at end of month, none.
21	30.13	68	74	W. & S. W.	0	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.14	72	70	S.W.	0	Dates of Solar Halos, none. Thunder Storms, 2, 11, 26.
23	30.10	72	80	S.W.	0	Dates of Frosts, none.
24	30.14	76	83	S.W.	0	Mean Maximum Temperature, 75.9. Mean Minimum Temperature, 61.7.
25	30.05	78	86	S.W.	0	MEAN TEMPERATURE for this month in
26	29.99	72	74	S.W.	.08	1871 72
27	30.23	61	67	E.	0	1872 73
28	30.23	64	73	S., S.W. & W.	0	1873 70
29	30.24	62	96	E.	*T	1874 68
30	30.38	61	69	E.	0	1875 71
31	30.28	64	70	S.W.	0	1876 70
TOTALS.....					0.98	1877 72
MEANS.....	30.09	68.9	76.2	S.W.	0.03	1878 70
						1879 69
						1880 71
						1881 71
						1882 72
						1883 68
						1884 70
						1885 68
						1886 68
						1887 68
						1888 70
						1889 67
						1890 69
						1891 70
						1892 70
						1893 70
						1894 68
						1895 71
						1896 71
						1897 70
						1898 73
						1899 69
						1900 71
						1901 71
						1902 68
						1903 65
						1904 69
						1905 69
						1906 72
						1907 70
						1908 69
						1909 69
						1910 69
						Total Precipitation for this Month in inches
						1871 3.08
						1872 10.68
						1873 6.21
						1874 6.67
						1875 3.50
						1876 1.23
						1877 4.49
						1878 7.66
						1879 6.71
						1880 2.90
						1881 1.28
						1882 1.46
						1883 0.39
						1884 5.01
						1885 7.04
						1886 3.64
						1887 3.06
						1888 3.85
						1889 3.87
						1890 2.70
						1891 3.87
						1892 4.87
						1893 6.46
						1894 3.08
						1895 3.74
						1896 2.15
						1897 3.95
						1898 6.38
						1899 2.52
						1900 2.46
						1901 3.25
						1902 2.20
						1903 5.33
						1904 2.19
						1905 3.39
						1906 1.58
						1907 1.10
						1908 4.35
						1909 3.55
						1910 0.98

Average mean temperature for 40 years, 70°.

Average monthly precipitation for 40 years, 3.24 inches.

*T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of September, 1910.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of September, 1910	918
Population estimated at 673,745	Rate per 1,000 inhabitants, 16.58
Deaths of non-residents, 114	*Corrected rate per 1,000 inhabitants, 14.52

Total number	918
SEX.	
Males	483
Females	435
CONDITION.	
Single	497
Married	250
Widowed	162
Divorced	1
Unknown	8
COLOR.	
White	885
Black (Negro or mixed)	32
Chinese	1

Total deaths of children,	{ Under 1 year	270
	{ Under 2 years	318
	{ Under 5 years	341

NATIVITY.	
United States	625
Ireland	143
England and Wales	12
Scotland	5
Germany	15
Canada	53
Italy	17
Russia and Poland	18
Sweden and Norway	4
France	0
Other Countries	15
Unknown	11

NATIVITY OF MOTHERS.	
United States	252
Ireland	284
England and Wales	21
Scotland	16
Germany	19
Canada	85
Italy	73
Russia and Poland	57
Sweden and Norway	8
France	0
Other Countries	78
Unknown	25
Still-births during the month	50

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for September, 1910. Deaths of non-residents.		AGE.																												SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.				
I. General Diseases.																																
1. Typhoid fever	16	2							3	8	1		2	3	1	1			1	1									13	4		
2. Typhus fever																																
3. Relapsing fever																																
4. Intermittent fever and malarial cachexia (a) Malarial cachexia*																																
5. Smallpox	1	1						1																					1			
6. Measles	1	1						1																					1			
7. Scarlet fever	1	1						1																					1			
8. Whooping cough	6		2	2	1			1	6																				1	5		
9. Diphtheria and croup	11	1	3	3		2		8	3																				6	5		
10. Influenza	1																		1										1			
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras	1																				1								1			
14. Dysentery	2	2	1					1											1										2			
15. Plague																																
16. Yellow fever																																
17. Leprosy																																
18. Erysipelas	3		1					1								1			1										2	1		
19. Other epidemic diseases																																
20. Purulent infection and septicemia	1		1					1																						1		
21. Glanders																																
22. Anthrax																																
23. Rabies																																
24. Tetanus	1												1																1			
25. Mycoses																																
26. Pellagra																																
27. Beriberi																																
28. Tuberculosis of the lungs	81	5	1	4		1		6	2	2	6	9	8	5	7	11	5	8	5	2	1	2	2						40	41		
29. Acute miliary tuberculosis	5	1	1					1		1	1		1				1												4	1		
30. Tuberculous meningitis	14	1	4	3	1	2		10	1	1	1		1																5	9		
31. Abdominal tuberculosis	5		2		1			3		1		1																	2	3		
32. Pott's disease																																
33. White swelling																																
34. Tuberculosis of other organs	2	1									1						1												1	1		
35. Disseminated tuberculosis																																
36. Rickets																																
37. Syphilis	5		3	2				5																					2	3		
38. Gonococcus infection																																
39. Cancer and other malignant tumors of the buccal cavity	2																1		1										1	1		
40. Cancer and other malignant tumors of the stomach, liver	19	2															2		2	2	4	2	4			2	1	9	10			
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	6	2											1	1			1		1	2								1	3			
42. Cancer and other malignant tumors of the female genital organs	5	2															1	2	1	1									5			
43. Cancer and other malignant tumors of the breast	4																1	1	1			1							4			
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and of organs not specified	4	2															1	1			2							2	2			

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1910.	Deaths of non-residents.	AGE.																								SEX.			
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																														
46. Other tumors (tumors of the female genital organs excepted)	2	1																1											2	
47. Acute articular rheumatism	2								1					1															1	1
48. Chronic rheumatism and gout	2																				2								1	1
49. Scurvy																														
50. Diabetes	7																		2		2		3						1	6
51. Exophthalmic goitre	1															1														1
52. Addison's disease																														
53. Leuchæmia																														
54. Anæmia, chlorosis	3																				2	1							2	1
55. Other general diseases	2			1					1													1							1	1
56. Alcoholism (acute or chronic)	12	3											1	1	3	1		4	1		1							11	1	
57. Chronic lead poisoning	1																1												1	
58. Other chronic occupation poisonings																														
59. Other chronic poisonings																														
Totals of general diseases	228	26	20	15	3	5	1	44	11	8	10	11	14	14	12	20	16	14	11	18	8	12	2		2	1	111	117		
II. Diseases of the Nervous System and of the Organs of Special Sense.																														
60. Encephalitis																														
61. Meningitis {	1. Simple meningitis	6	4	2				6																					3	3
	2. Cerebro-spinal meningitis (undefined)	4	2	3		1		4																					3	1
	3. Cerebro-spinal fever																													
62. Locomotor ataxia																														
63. Other diseases of the spinal cord		7	2	1			1	2												1	2	2						6	1	
(a) Acute Anterior Poliomyelitis*		2	1				1	2																					1	1
64. Cerebral hemorrhage, apoplexy	46	5												1	1	3	3	4	4	3	3	9	5	5	2	3		20	26	
65. Softening of the brain																														
66. Paralysis without specified cause	1																				1								1	
67. General paralysis of the insane	1																		1										1	
68. Other forms of mental alienation																														
69. Epilepsy	1														1														1	
70. Convulsions (non-puerperal)																														
71. Convulsions of infants																														
72. Chorea																														
73. Neuralgia and Neuritis	1																	1											1	
74. Other diseases of the nervous system	5	1							1					2			1					1						4	1	
75. Diseases of the eyes and their annexa																														
76. Diseases of the ears	4	1		1			1							2		1												3	1	
Totals of nervous system, etc.,	76	11	8	3		1	1	13	1			1	5	4	4	6	5	4	5	12	5	6	2	3			40	36		
III. Diseases of the Circulatory System.																														
77. Pericarditis	1	1													1														1	
78. Acute endocarditis	3	1							1								1	1										1	2	
79. Organic diseases of the heart	83	8	1				1		2		1	2	2		6	2	6	7	12	12	10	11	5	2	2	31	52			
80. Angina pectoris	1																			1								1		
81. Diseases of the arteries, atheroma, aneurism, etc.	10																	1	2	2					2	3		6	4	
82. Embolism and thrombosis	1	1																1										1		

* Deaths under italicised headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for September, 1910. Deaths of non-residents.	AGE.																											SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		Under 1 year.																													Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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III. Diseases of the Circulatory System.—Concluded.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

* Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																											SEX.		
	Total Mortality for September, 1906.	Deaths from violent causes.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
VI. Non-venereal Diseases of the Genito-Urinary System and Annexa.																														
119. Acute nephritis	5	3	1		1		2									1			1						1		2	3		
120. Bright's disease	46	5											2	2	2	3	4	6	5	5	6	3	3	2	3		18	2		
121. Chyluria	1															1												1		
122. Other diseases of the kidneys and annexa	5	3	2				2											1	1	1							2	3		
123. Calculi of the urinary passages																														
124. Diseases of the bladder	1																				1							1		
125. Other diseases of the urethra, urinary abscess, etc.																														
126. Diseases of the prostate	3																						1	1	1		3			
127. Non-venereal diseases of the male genital organs																														
128. Uterine hemorrhage (non-puerperal)																														
129. Uterine tumor (non-cancerous)	5	4														1	2	2									5			
130. Other diseases of the uterus	1																1											1		
131. Cysts and other tumors of the ovary																														
132. Salpingitis and other diseases of the female genital organs	1											1																1		
133. Non-puerperal diseases of the breast (cancer excepted)																														
Totals of genito-urinary system	68	15	3		1		4				1	2	2	2	6	7	9	6	7	7	4	4	3	4		26	42			
VII. Puerperal State.																														
134. Accidents of pregnancy																														
135. Puerperal hemorrhage																														
136. Other accidents of labor																														
137. Puerperal septicemia	1												1															1		
138. Puerperal albuminuria and convulsions																														
139. Puerperal phlegmasia alba dolens, embolus, sudden death	1															1												1		
140. Following child birth (not otherwise defined)																														
141. Puerperal diseases of the breast																														
Totals of puerperal state	2												1	1														2		
VIII. Diseases of the Skin and of the Cellular Tissue.																														
142. Gangrene	5																	1		1	1			2		1	4			
143. Furuncle	1	1									1																	1		
144. Acute abscess	2														1	1												1		
145. Other diseases of the skin and annexa,	3	1	1				1				1											1						2		
Totals of skin tissue	11	2	1				1				2		1	1			1			1	2			2		5	6			
IX. Diseases of the Bones and of the Organs of Locomotion.																														
146. Diseases of the bones (tuberculosis excepted)	1							1																				1		
147. Diseases of the joints (tuberculosis and rheumatism excepted)																														
148. Amputations																														
149. Other diseases of the organs of locomotion																														
Totals of bones and organs of locomotion,	1							1																				1		
X. Malformations.																														
150. Congenital malformations (still-births not included)	10	1	8	1	1			10																				7	3	
XI. Diseases of Early Infancy.																														
151. Congenital debility, icterus, and sclerema	47	1	47					47																				25	22	
152. Other diseases peculiar to early infancy,	9	1	9					9																				6	3	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1910. Deduct of non-residents.	AGE.																				SEX.								
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
XI. Diseases of Early Infancy.—Concluded.																														
153. Lack of care																														
Totals of early infancy		56	2	56			56																				31	25		
XII. Old Age.																														
154. Senility		3																			1				2		3			
XIII. Affections Produced by External Causes.																														
155. Suicide by poison		1								1																	1			
156. Suicide by asphyxia																														
157. Suicide by hanging or strangulation		1	1												1												1			
158. Suicide by drowning																														
159. Suicide by firearms		2											1					1								1	1			
160. Suicide by cutting or piercing instruments																														
161. Suicide by jumping from a high place																														
162. Suicide by crushing		1										1														1				
163. Other suicides																														
164. Poisoning by food																														
165. Other acute poisonings		2	1												1	1										2				
166. Conflagration																														
167. Burns (conflagration excepted)		4	2			1	1			1	1									1						2	2			
168. Absorption of deleterious gases (conflagration excepted)		1																			1					1				
169. Accidental drowning		5						2			1	1					1									5				
170. Traumatism by firearms																														
171. Traumatism by cutting or piercing instruments																														
172. Traumatism by fall		19	3		1	1		2	1		1	2	1	1	2		3	1	2		1				1	1	13	6		
173. Traumatism in mines and quarries																														
174. Traumatism by machines		1	1																1							1				
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)		18	3					2	4		1	2		3	1	4		1								16	2			
176. Injuries by animals																														
177. Starvation																														
178. Excessive cold																														
179. Effects of heat																														
180. Lightning																														
181. Electricity (lightning excepted)																														
182. Homicide by firearms		2	1												2											2				
183. Homicide by cutting or piercing instruments		1	1											1												1				
184. Homicide by other means		2	1								1						1									1	1			
185. Fractures (cause not specified)																														
186. Other external violence		3	1				1					1														3				
Totals of affections by external causes.		63	14	1		1	1	1	4	5	4	1	6	6	2	8	4	9	3	5	1	1	1	1	1	1	49	14		
XIV. Ill-defined Diseases.																														
187. Ill-defined organic disease		2																1	1							1	1			
188. Sudden death																														
189. Cause of death not specified or ill-defined		8	8				8																			4	4			
Totals of ill-defined diseases		10	8				8											1	1							5	5			
Totals from all causes.		618	114	270	48		9	9	5	241	20	17	11	24	27	31	35	44	54	51	41	55	52	39	33	15	20	8	483	436

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.					
				Date of death.	
				Additional deaths. Deaths of non-residents.	
				Under 1 year,	
				under 2 years.	
				2 years and under 3 years.	
				3 years and under 4 years.	
				4 years and under 5 years.	
				Total under 5 years.	
				5 years and under 10 years.	
				10 years and under 15 years.	
				15 years and under 20 years.	
				20 years and under 25 years.	
				25 years and under 30 years.	
				30 years and under 35 years.	
				35 years and under 40 years.	
				40 years and under 45 years.	
				45 years and under 50 years.	
				50 years and under 55 years.	
				Color.	
				Condition.	
				Nativity.	
				Nativity of Mother.	
				Males.	SEX.
				Females.	

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH
FOR THE MONTH OF SEPTEMBER, 1910, AND FOR THE CORRESPONDING MONTH IN 1909.

	CITY.			QUARANTINE.				CITY.			QUARANTINE.		
	Sept., 1910		Sept., 1909	Sept., 1910		Sept., 1909		Sept., 1910		Sept., 1909	Sept., 1910		Sept., 1909
	Total	Non-res.		Total	Non-res.			Total	Non-res.		Total	Non-res.	
Cholera	—	—	—	—	—	—	Measles	22	—	41	2	—	—
Chicken-pox	9	—	27	—	—	—	Scarlatina	77	7	98	—	—	—
Cerebro-spinal meningitis . .	8	1	6	—	—	—	Smallpox	—	—	1	—	—	1
Diphtheria and croup . . .	132	3	161	—	—	—	Typhus fever	—	—	—	—	—	—
Pulmonary and laryngeal tuberculosis	238	6	213	—	—	—	Typhoid fever	89	1	142	—	—	—
							Yellow fever	—	—	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	1311	Cattle Condemed, 8 and parts, 2,323 lbs.	
Calves "	576	Calves " 13	443 "
Sheep "	225	Sheep "	— " "
Hogs "	3,205	Hogs " 5 and parts, 1,884	" "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.	MISCELLANEOUS.
Veal (immature),	64 lbs.	13 lbs.	Vegetables, $\frac{3}{4}$ bush.
" (tainted),	170 "		Fruit, . . 3 "
Poultry	188 "		
Beef	15 "		
Pork	24 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	462
"	" " Wagons	685
"	" brought in by Citizens	22
"	" for bacteriological examination,	536
"	Vinegar	112
"	Butter and Cheese	37

Total Samples,	1,854
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BACTERIOLOGICAL LABORATORY

DIPHTHERIA:	Positive for diagnosis	. .	83	
	Positive for release	. .	34	
	Negative for diagnosis	. .	439	
	Negative for release	. .	129	
	"No growth" cultures	. .	2	687
TUBERCULOSIS:	Positive		83	
	Negative		313	
	Unsatisfactory		1	397
TYPHOID:	Positive		49	
	Negative		199	
	Atypical		10	
	Unsatisfactory		1	259
GLANDERS:	Positive		10	
	Negative		14	
	Unsatisfactory		5	29

GONORRHOEA						
OPHTHALMIA:	Positive	.	.	.	.	2
	Negative	.	.	.	.	22
	Unsatisfactory	.	.	.	.	0
						24
GONORRHOEA:	Positive	.	.	.	.	39
	Negative	.	.	.	.	51
	Unsatisfactory	.	.	.	.	1
						91
Other examinations:*	Positive	.	.	.	.	20
	Negative	.	.	.	.	59
	Unsatisfactory	.	.	.	.	0
						79
BACTERIOLOGICAL MILK EXAMINATIONS	.	.	.	.	.	536
Total	.	.	.	.	.	2,102
SPECIAL WORK:	Milk sediments for T.B.; disinfectant experiments.					
	Examined cow feces for T.B.					

* Malaria, K L Vir., Pneumococcus, Gen. Urin. T. B., Conradi, Typhoid Urine, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of September, 1910, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.06	66	94	S.W.	.49	Mean Barometer, 30.10.
2	30.15	60	74	N. & S.E.	0	Highest Barometer, 30.35 on the 11th.
3	30.00	61	85	S.E.	.45	Lowest Barometer, 29.83 on the 20th.
4	29.91	68	84	S.W.	.01	Monthly Range of Barometer, 0.53.
5	29.96	68	97	S.W.	.58	Mean Temperature, 62.8°.
6	29.98	63	94	E.	.28	Highest Temperature, 82° on the 7th.
7	29.98	72	72	N.W.	0	Lowest Temperature, 47° on the 19th.
8	30.10	64	76	E.	0	Monthly Range of Temperature, 35°.
9	29.88	69	74	S.W.	.01	Greatest Daily Range of Temperature, 26° on the 18th.
10	30.26	58	66	E.	0	Least Daily Range of Temperature, 4° on the 6th.
11	30.34	58	70	E.	0	Mean Daily Range of Temperature, 15.0°.
12	30.28	58	77	E.	0	Mean Daily Dew-point, 64.0°.
13	30.14	69	80	S.W.	0	Mean Daily Relative Humidity, 77.3.
14	30.14	61	86	N. E.	* T	Prevailing Direction of Wind, S.W.
15	30.26	58	60	E.	0	Total Movement of Wind, 6,085 miles.
16	30.31	58	78	N. E.	0	Highest Velocity of Wind and Direction, 24 — N. on the 17th.
17	30.12	58	65	N.	0	Number of Foggy Days, 3.
18	30.02	69	61	W.	0	Number of Clear Days, 9.
19	30.11	56	84	N.E.	.03	Number of Cloudy Days, 12.
20	29.86	60	84	N.	0	Total Number of Days on which Rain or Snow fell, 12.
21	29.88	68	74	N.W.	.14	Depth of Unmelted Snow on ground at end of month, none.
22	30.22	57	62	N.W.	0	Dates of Auroras, none.
23	30.29	60	68	S.W.	0	Dates of Lunar Halos, none.
24	30.30	60	84	E.	.03	Dates of Solar Halos, none.
25	30.17	68	82	S.	0	Thunder Storms, 6th.
26	30.06	67	93	E.	0	Dates of Frosts, none.
27	30.14	62	92	E.	.07	Mean Maximum Temperature, 70.3.
28	30.04	68	78	W.	.05	Mean Minimum Temperature, 55.3.
29	30.26	58	62	E. & N.W.	0	
30	30.16	60	62	S.W.	0	
31	—	—	—	—	—	
TOTALS.....					2.14	
MEANS.....	30.11	62.7	77.3	S.W.	0.07	
						MEAN TEMPERATURE for this month in
						Total Precipitation for this Month in inches
						1871 59
						1872 64
						1873 63
						1874 64
						1875 61
						1876 60
						1877 65
						1878 64
						1879 62
						1880 65
						1881 68
						1882 64
						1883 60
						1884 67
						1885 60
						1886 63
						1887 60
						1888 60
						1889 63
						1890 63
						1891 67
						1892 62
						1893 60
						1894 65
						1895 66
						1896 62
						1897 63
						1898 65
						1899 62
						1900 65
						1901 65
						1902 63
						1903 64
						1904 62
						1905 62
						1906 65
						1907 64
						1908 66
						1909 63
						1910 63

Average mean temperature for 40 years, 63°.

Average monthly precipitation for 40 years, 3.22 inches.

* T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of October, 1910.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of October, 1910	907
Population estimated at 673,745	Rate per 1,000 inhabitants, 15.85
Deaths of non-residents, 104	*Corrected rate per 1,000 inhabitants, 14.03

Total number	907	NATIVITY.	
SEX.		United States	578
Males	465	Ireland	168
Females	442	England and Wales	17
CONDITION.		Scotland	4
Single	443	Germany	22
Married	279	Canada	44
Widowed	176	Italy	23
Divorced	4	Russia and Poland	17
Unknown	5	Sweden and Norway	12
COLOR.		France	3
White	889	Other Countries	13
Black (Negro or mixed)	18	Unknown	6
Total deaths of children,		NATIVITY OF MOTHERS.	
Under 1 year	225	United States	259
Under 2 years	250	Ireland	307
Under 5 years	278	England and Wales	21
		Scotland	11
		Germany	27
		Canada	73
		Italy	59
		Russia and Poland	47
		Sweden and Norway	15
		France	2
		Other Countries	21
		Unknown	65
		Still-births during the month	59

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for October, 1916. Deaths of non residents.		AGE.																								SEX.		
																											Males.	Females.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
I. General Diseases.																													
1. Typhoid fever	7	1									1	1	2	1		1												3	4
2. Typhus fever																													
3. Relapsing fever																													
4. Intermittent fever and malarial cachexia (a) Malarial cachexia*																													
5. Smallpox																													
6. Measles																													
7. Scarlet fever	2			1	1		2																						2
8. Whooping cough	7	6		1		7																						1	6
9. Diphtheria and croup	13	4	3			1	8	3	1			1																7	6
10. Influenza																													
11. Miliary fever																													
12. Asiatic cholera																													
13. Cholera nostras																													
14. Dysentery	3	1				1									1								1				2	1	
15. Plague																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	1								1																			1	
19. Other epidemic diseases																													
20. Purulent infection and septicemia	1							1																				1	
21. Glanders	1	1									1																	1	
22. Anthrax																													
23. Rabies																													
24. Tetanus	2	1				1	2																					1	1
25. Mycoses	1	1														1												1	
26. Pellagra																													
27. Beriberi	1	1										1																1	
28. Tuberculosis of the lungs	74	7	1	1			2	1	3	6	8	8	12	11	4	10	2	3	2	1	1							39	35
29. Acute miliary tuberculosis	5	2	1		1		2					1	1			1												1	4
30. Tuberculous meningitis	11	1	3	2	1	2		8	1				1				1											8	3
31. Abdominal tuberculosis	3	1					1				1							1										1	2
32. Pott's disease	1	1						1																				1	
33. White swelling																													
34. Tuberculosis of other organs																													
35. Disseminated tuberculosis																													
36. Rickets	2	1			1		2																					1	1
37. Syphilis	6	4					4					1		1														4	2
38. Gonococcus infection																													
39. Cancer and other malignant tumors of the buccal cavity	8	1																	1	2								1	2
40. Cancer and other malignant tumors of the stomach, liver	14	1											1		3	1	3	2	1	1	1	1						6	8
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	12	1											2	2	3					3	1	1						6	6
42. Cancer and other malignant tumors of the female genital organs	9	2											1				3	1	2	1			1					1	9
43. Cancer and other malignant tumors of the breast	6													1	1	2						1							5
44. Cancer and other malignant tumors of the nose	2																					1						1	1
45. Cancer and other malignant tumors of other organs and of organs not specified	13	2	1					1	1					1	1	1		1	1	2	1	2				1		8	6

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																											SEX.	
	Total Mortality for October, 1910.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																													
46. Other tumors (tumors of the female genital organs excepted)																													
47. Acute articular rheumatism																													
48. Chronic rheumatism and gout																													
49. Scurvy																													
50. Diabetes	13	1												1	1			1	1	1	4	3			1			5	8
51. Exophthalmic goitre	1	1												1														1	
52. Addison's disease																													
53. Leuchæmia	1	1										1																1	
54. Anæmia, chlorosis	3	1													1		1			1								2	1
55. Other general diseases	1		1					1																				1	
56. Alcoholism (acute or chronic)	10	1													1	3	2	4										9	1
57. Chronic lead poisoning																													
58. Other chronic occupation poisonings																													
59. Other chronic poisonings																													
Totals of general diseases	228	27	25	7	4	3	2	41	7	5	9	11	17	18	20	15	21	13	11	16	10	6	2	5	1		111	117	
II. Diseases of the Nervous System and of the Organs of Special Sense.																													
60. Encephalitis																													
61. Meningitis {	6	2	1	2	1			4	1	1																		1	5
	1								1																			1	
62. Locomotor ataxia	2																1	1										1	1
63. Other diseases of the spinal cord	4		1			1	1	3	1																			2	2
(a) Acute Anterior Poliomyelitis*	4		1			1	1	3	1																			2	2
64. Cerebral hemorrhage, apoplexy	37	1													1	2	1		6	7	4	4	4	7		1	15	22	
65. Softening of the brain	2	1																	1		1							2	
66. Paralysis without specified cause	3																		1			1	1					8	
67. General paralysis of the insane	5	1													1	1	1	1	1									4	1
68. Other forms of mental alienation	1																					1						1	
69. Epilepsy	1									1																		1	
70. Convulsions (non-puerperal)																													
71. Convulsions of infants	2		2					2																				1	1
72. Chorea																													
73. Neuralgia and Neuritis	1																1											1	
74. Other diseases of the nervous system	4	1																2				1	1					1	3
75. Diseases of the eyes and their annexa																													
76. Diseases of the ears	2		1					1											1									1	1
Totals of nervous system, etc.,	71	6	5	2	1	1	1	10	2	3					2	3	4	3	10	8	4	7	6	8		1	31	40	
III. Diseases of the Circulatory System.																													
77. Pericarditis	1																	1										1	
78. Acute endocarditis	4	1													2				1			1						2	2
79. Organic diseases of the heart	122	8	1					1	3	2	3	3	8	5	9	14	5	14	19	11	14	9	1	1	53	49			
80. Angina pectoris																													
81. Diseases of the arteries, atheroma, aneurism, etc.	13																		1		3	2		3	3	1		7	6
82. Embolism and thrombosis	7	1													1	2				1	1	1		1				3	4

* Deaths under italicised headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	AGE.																				SEX.								
	Total Mortality for October, 1910.	Deaths of non-residents.	1 year and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 6 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Sys- tem.—Concluded.																													
83. Diseases of the veins (varices, hemor- rhoids, phlebitis, etc.)	1																					1						1	
84. Diseases of the lymphatic system (lymphangitis, etc.)	3	1		1	1			2	1																			2	1
85. Hemorrhage; other diseases of the cir- culatory system.																													
Totals of circulatory system	151	11	1	1	1			3	1	3	2	5	4	8	7	9	15	7	15	21	14	16	13	4	2		67	84	
IV. Diseases of the Respiratory Sys- tem.																													
86. Diseases of the nasal fossae																													
87. Diseases of the larynx																													
88. Diseases of the thyroid body																													
89. Acute bronchitis	9		2		1			3								1						2	2				1	5	4
90. Chronic bronchitis	3		1					1																	2		3	1	
91. Broncho-pneumonia	44	5	18	5	2			25					1					1	1	3	2	3	2	4	1	1	22	22	
92. Pneumonia	58	6	11	1	1	1	1	15		1	1	2	1	3	3	2	1	4	8	7	3	4	2	1			35	23	
93. Pleurisy	2				1			1															1				1	1	
94. Pulmonary congestion, pulmonary apoplexy	1																					1						1	
95. Gangrene of the lung																													
96. Asthma																													
97. Pulmonary emphysema																													
98. Other diseases of the respiratory sys- tem (tuberculosis excepted)	1		1					1																				1	
Totals of respiratory system	118	11	33	6	5	1	1	46		1	1	2	2	8	8	3	3	1	5	9	10	5	9	8	5	3	2	65	53
V. Diseases of the Digestive System.																													
99. Diseases of the mouth and annexa																													
100. Diseases of the pharynx	1	1													1													1	
101. Diseases of the esophagus																													
102. Ulcer of the stomach	5	2											1							2	1	1						5	
103. Other diseases of the stomach (cancer excepted)	12	1	8	1				9								1					1		1					7	5
104. Diarrhea and enteritis (under two years)	74	5	68	6				74																				44	30
105. Diarrhea and enteritis (two years and over)	4						2		2													1		1				1	8
106. Ankylostomiasis																													
107. Intestinal parasites																													
108. Appendicitis and typhlitis	10	1							3	1	2					1			1			1		1				6	4
109. Hernias, intestinal obstructions	4	3	1					1								1		1							1				4
110. Other diseases of the intestine	1			1				1																				1	
111. Acute yellow atrophy of the liver																													
112. Hydatid tumor of the liver																													
113. Cirrhosis of the liver	7										1		1	1			1	2	1									3	4
(a.) Due to alcoholism*.	1																		2	1								3	1
114. Biliary calculi	4	3														1		1	1		1							4	
115. Other diseases of the liver	1																							1				1	
116. Diseases of the spleen																													
117. Simple peritonitis (non-puerperal)	1																1											1	
118. Other diseases of the digestive system (cancer and tuberculosis excepted)	2															1	1												2
Totals of digestive system	126	16	77	8		2		87	3	1	2	1	1	1	3	5	2	4	3	9	3	3	2	3			68	58	

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																										SEX.		
	Total Mortality for October, 1900.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
VI. Non-venereal Diseases of the Genito-Urinary System and Annexa.																													
119. Acute nephritis	6	1							1		1					1			2		1						2	4	
120. Bright's disease	38	4										1	2	1	1	1	6	6	6	6	3		3	2				20	1
121. Chyluria																													
122. Other diseases of the kidneys and annexa	4	1											1				3										2	2	
123. Calculi of the urinary passages	1																1										1		
124. Diseases of the bladder	1																						1				1		
125. Other diseases of the urethra, urinary abscess, etc.																													
126. Diseases of the prostate	5	1																		2	1			2			5		
127. Non-venereal diseases of the male genital organs																													
128. Uterine hemorrhage (non-puerperal)																													
129. Uterine tumor (non-cancerous)	1														1												1		
130. Other diseases of the uterus	1																					1					1		
131. Cysts and other tumors of the ovary																													
132. Salpingitis and other diseases of the female genital organs																													
133. Non-puerperal diseases of the breast (cancer excepted)																													
Totals of genito-urinary system	57	9							1		1	3	2	1	2	8	9	6	6	7	2	5	4				31	26	
VII. Puerperal State.																													
134. Accidents of pregnancy																													
135. Puerperal hemorrhage	1	1													1												1		
136. Other accidents of labor																													
137. Puerperal septicemia	3										1		2														3		
138. Puerperal albuminuria and convulsions	2										1		1														2		
139. Puerperal phlegmasia alba dolens, embolus, sudden death	1												1														1		
140. Following child birth (not otherwise defined)																													
141. Puerperal diseases of the breast																													
Totals of puerperal state	7	1							1		1	1	3	1													7		
VIII. Diseases of the Skin and of the Cellular Tissue.																													
142. Gangrene																													
143. Furuncle																													
144. Acute abscess	3										1								2								2	1	
145. Other diseases of the skin and annexa,	2		1				1									1											2		
Totals of skin tissue	5		1				1				1					1		2									4	1	
IX. Diseases of the Bones and of the Organs of Locomotion.																													
146. Diseases of the bones (tuberculosis excepted)	1																	1									1		
147. Diseases of the joints (tuberculosis and rheumatism excepted)	2	1									1				1												1	1	
148. Amputations																													
149. Other diseases of the organs of locomotion																													
Totals of bones and organs of locomotion,	3	1									1				1			1									1	2	
X. Malformations.																													
150. Congenital malformations (still-births not included)	19	2	18	1			19																				14	5	
XI. Diseases of Early Infancy.																													
151. Congenital debility, icterus, and scle- rema	36	1	36				36																				16	20	
152. Other diseases peculiar to early infancy,	19	3	19				19																				10	9	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1910. Deaths of non-residents.		AGE.																				SEX.							
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
XI. Diseases of Early Infancy.—Concluded.																														
153. Lack of care																														
Totals of early infancy	55	4	55					55																				26	2	
XII. Old Age.																														
154. Senility	1																				1							1		
XIII. Affections Produced by External Causes.																														
155. Suicide by poison																														
156. Suicide by asphyxia	2	1														1	1											2		
157. Suicide by hanging or strangulation	3															2			1									3		
158. Suicide by drowning																														
159. Suicide by firearms	4	1											1					2	1									4		
160. Suicide by cutting or piercing instruments	1												1															1		
161. Suicide by jumping from a high place	2														2													2		
162. Suicide by crushing																														
163. Other suicides																														
164. Poisoning by food																														
165. Other acute poisonings																														
166. Conflagration																														
167. Burns (conflagration excepted)	3							1	1									1		1								3		
168. Absorption of deleterious gases (conflagration excepted)	1											1																1		
169. Accidental drowning	1											1																1		
170. Traumatism by firearms																														
171. Traumatism by cutting or piercing instruments																														
172. Traumatism by fall	15	4						1	1		1				3	1	3	3	1	1		1						11	4	
173. Traumatism in mines and quarries																														
174. Traumatism by machines	1	1																1										1		
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)	16	8								3	2	2	1	1	1	1	3	1			1							13	3	
176. Injuries by animals																														
177. Starvation	1	1						1																				1		
178. Excessive cold																														
179. Effects of heat																														
180. Lightning																														
181. Electricity (lightning excepted)																														
182. Homicide by firearms	1	1										1																1		
183. Homicide by cutting or piercing instruments																														
184. Homicide by other means	3												1	1						1								3		
185. Fractures (cause not specified)																														
186. Other external violence	1	1						1																				1		
Totals of affections by external causes,	55	16	2					2	4	3	3	2	3	3	7	6	7	5	5	3	2	1	1					42	13	
XIV. Ill-defined Diseases.																														
187. Ill-defined organic disease	1	1						1																				1		
188. Sudden death																														
189. Cause of death not specified or ill-defined	10		7	1	1	1		10																				4	6	
Totals of ill-defined diseases	11		8	1	1	1		11																				4	7	
Totals from all causes,	907	104	225	26	13	8	6	277	36	17	15	21	33	38	46	44	51	54	52	59	53	43	39	38	8	5	465	443		

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Date of death.	Additional deaths. Deaths of non-residents.	AGE.																SEX.					
			Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years.	5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years.	Color.	Condition.	Nativity.	Nativity of Mother.	Male.	Females.														

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF OCTOBER, 1910, AND FOR THE CORRESPONDING MONTH IN 1909.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Oct., 1910	Oct., 1909	Oct., 1910	Oct., 1909		Oct., 1910	Oct., 1909	Oct., 1910	Oct., 1909
	Total	Non-res.	Total	Non-res.		Total	Non-res.	Total	Non-res.
Cholera	—	—	—	—	Measles	45	—	147	—
Chicken-pox	34	—	42	—	Scarlatina	104	7	127	—
Cerebro-spinal meningitis	5	—	1	—	Smallpox	—	—	1	—
Diphtheria and croup	170	3	280	—	Typhus fever	—	—	—	—
Pulmonary and laryngeal tuberculosis	240	14	207	—	Typhoid fever	127	17	135	1
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	1,370	Cattle Condemned, 55 and parts, 16,003 lbs.
Calves "	681	Calves " 21 " 726 "
Sheep "	328	Sheep " " " "
Hogs "	3,525	Hogs " 4 and parts, 2,897 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		MISCELLANEOUS.	
Veal (immature)	114 lbs.	Tomatoes, 94 cans.	
" (tainted)	45 "		
Poultry "	83 "		
Beef "	184 "		
Deer Meat "	108 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	551
" "	" " Wagons	586
" "	" brought in by Citizens	38
" "	" for bacteriological examination,	491
" "	Vinegar	48
" "	Butter and Cheese	40
Total Samples,		1,754

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	100	GONORRHEA	OPHTHALMIA:	Positive	4	20
	Positive for release	73			Negative	16	
	Negative for diagnosis	604			Unsatisfactory	0	
	Negative for release	168					
	"No growth" cultures	4			949	GONORRHEA:		Positive . . . . .	45
TUBERCULOSIS:	Positive	69		Negative	49	97	
	Negative	359		Unsatisfactory	3		
	Unsatisfactory	2	430	Other examinations:*	Positive		19
				Negative	51		
TYPHOID:	Positive	50		Unsatisfactory	0	70	
	Negative	170					
	Atypical	16		BACTERIOLOGICAL MILK EXAMINATIONS		491	
	Unsatisfactory	1	237				
GLANDERS:	Positive	14		Total		2,334	
	Negative	22		SPECIAL WORK:	Milk sediments for T.B.; Examined cow feces for T.B.; Luncheon Corned Beef for Ptomaines.		
	Unsatisfactory	4	40				

* Malaria, K L Vir., Pneumococcus, Gen. Urin, T. B., Conradi, Typhoid Urine, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of October, 1910, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITATION.	GENERAL ITEMS.
1	29.66	67	66	S.W.	0	Mean Barometer, 29.68.
2	30.01	58	48	N.W.	0	Highest Barometer, 30.46 on the 3d.
3	30.46	57	67	E.	0	Lowest Barometer, 29.46 on the 25th.
4	30.32	65	77	S.W.	0	Monthly Range of Barometer, 1.00.
5	30.17	76	74	S.W.	0	Mean Temperature, 56.1°.
6	29.99	78	82	S.W.	0	Highest Temperature, 89° on the 5th.
7	30.18	61	90	N.	.14	Lowest Temperature, 33° on the 30th.
8	30.36	48	81	N.	0	Monthly Range of Temperature, 52°.
9	29.88	52	88	N.W.	.11	Greatest Daily Range of Temperature, 33° on the 27th.
10	29.88	54	61	N.W.	0	Least Daily Range of Temperature, 5° on the 15th.
11	29.75	60	55	W.	0	Mean Daily Range of Temperature, 17.4°.
12	29.96	52	46	N.W.	0	Mean Daily Dew-point, 44.2°.
13	30.32	46	56	N.W.	0	Mean Daily Relative Humidity, 70.4.
14	30.10	59	70	S.W.	*T	Prevailing Direction of Wind, S.W.
15	30.10	54	78	S.E.	.08	Total Movement of Wind, 8,540 miles.
16	29.76	64	65	S.W.	.02	Highest Velocity of Wind and Direction, 42 — N.W. on the 26th.
17	30.00	60	45	N.W.	0	Number of Foggy Days, 1.
18	30.14	62	72	N., E. & S.W.	0	Number of Fair Days, 5.
19	30.06	68	80	S.W.	0	Number of Clear Days, 14.
20	29.83	60	92	E.	.01	Number of Cloudy Days, 12.
21	30.10	49	72	N.E.	0	Total Number of Days on which Rain or Snow fell, 10.
22	29.88	50	86	E. & S.E.	.42	Depth of Unmelted Snow on ground at end of month, none.
23	29.68	51	74	W.	.13	Dates of Auroras, none.
24	29.90	52	54	W.	0	Dates of Lunar Halos, 19th.
25	29.58	56	87	S.W.	.20	Dates of Solar Halos, none.
26	29.61	48	70	N.W.	0	Thunder Storms, 15th, 25th.
27	29.62	56	64	S.W.	.06	Dates of Frosts, 29th, 31st.
28	29.76	49	74	W.	.02	Mean Maximum Temperature, 64.7.
29	30.01	44	72	N.W.	0	Mean Minimum Temperature, 47.4.
30	30.32	40	68	N.W.	0	
31	30.34	46	70	W.	0	
TOTALS.....					1.14	
MEANS.....	29.99	56.1	70.5	S.W.	0.04	
						MEAN TEMPERATURE for this month in
						1871 54
						1872 52
						1873 54
						1874 53
						1875 50
						1876 48
						1877 62
						1878 56
						1879 58
						1880 52
						1881 54
						1882 55
						1883 48
						1884 58
						1885 62
						1886 52
						1887 52
						1888 48
						1889 48
						1890 51
						1891 52
						1892 53
						1893 55
						1894 54
						1895 50
						1896 50
						1897 54
						1898 54
						1899 54
						1900 57
						1901 54
						1902 54
						1903 54
						1904 51
						1905 54
						1906 52
						1907 50
						1908 55
						1909 53
						1910 56
						1871 5.58
						1872 4.85
						1873 5.33
						1874 1.89
						1875 4.99
						1876 1.66
						1877 8.84
						1878 6.76
						1879 0.91
						1880 3.15
						1881 2.84
						1882 2.29
						1883 6.40
						1884 3.17
						1885 5.71
						1886 3.27
						1887 2.53
						1888 3.58
						1889 3.31
						1890 5.63
						1891 5.56
						1892 2.31
						1893 2.94
						1894 5.11
						1895 6.19
						1896 3.15
						1897 0.41
						1898 7.17
						1899 2.40
						1900 3.41
						1901 3.02
						1902 4.36
						1903 3.95
						1904 2.13
						1905 0.82
						1906 3.88
						1907 2.64
						1908 3.70
						1909 1.07
						1910 1.14

Average mean temperature for 40 years, 53°.

Average monthly precipitation for 40 years, 3.69 inches.

* T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of November, 1910.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of November, 1910	864
Population estimated at 673,745	Rate per 1,000 inhabitants, 15.60
Deaths of non-residents, 95	*Corrected rate per 1,000 inhabitants, 13.89

Total number 864

SEX.

Males 434
Females 430

CONDITION.

Single 388
Married 294
Widowed 178
Divorced 4
Unknown 0

COLOR.

White 834
Black (Negro or mixed) 29
Chinese 1

Total deaths of children, { Under 1 year 147
Under 2 years 183
Under 5 years 210

NATIVITY.

United States 531
Ireland 147
England and Wales 26
Scotland 10
Germany 11
Canada 68
Italy 18
Russia and Poland 24
Sweden and Norway 11
France
Other Countries 12
Unknown 4

NATIVITY OF MOTHERS.

United States 249
Ireland 263
England and Wales 29
Scotland 20
Germany 17
Canada 76
Italy 64
Russia and Poland 40
Sweden and Norway 14
France 2
Other Countries 18
Unknown 72
Still-births during the month 56

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for November, 1910. Deaths of non-residents.	AGE.																								SEX.			
																										Males.	Females.		
General Diseases.																													
1. Typhoid fever	17	2								1	1	4	1	3	3	2	1		1								8	9	
2. Typhus fever																													
3. Relapsing fever																													
4. Intermittent fever and malarial cachexia (a) Malarial cachexia*																													
5. Smallpox																													
6. Measles	2		1		1			2																				1	1
7. Scarlet fever	2				1				1	1																		1	1
8. Whooping cough	7		2	2			1	1	6	1																		1	6
9. Diphtheria and croup	5	1	2	1	2				5																			3	2
10. Influenza	1																								1			1	
11. Miliary fever																													
12. Asiatic cholera																													
13. Cholera nostras																													
14. Dysentery	2		1					1							1													2	
15. Plague																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	5		3			1		4							1													4	1
19. Other epidemic diseases																													
20. Purulent infection and septicemia	1											1																1	
21. Glanders																													
22. Anthrax																													
23. Rabies																													
24. Tetanus	1									1																		1	
25. Mycoses																													
26. Pellagra																													
27. Beriberi																													
28. Tuberculosis of the lungs	83	8		2			2			7	12	9	13	13	9	5	5	1	5		2							48	35
29. Acute miliary tuberculosis	2															1	1											1	1
30. Tuberculous meningitis	6	1	4			1		5	1																			4	2
31. Abdominal tuberculosis																													
32. Pott's disease	1									1																		1	
33. White swelling	1										1																	1	
34. Tuberculosis of other organs	1													1														1	
35. Disseminated tuberculosis																													
36. Rickets																													
37. Syphilis	1		-								1																	1	
38. Gonococcus infection																													
39. Cancer and other malignant tumors of the buccal cavity	2															1										1		1	1
40. Cancer and other malignant tumors of the stomach, liver	21	1											1		4	2	6	4	1	1	1	1					13	8	
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	8	2												1				3	2	2							3	5	
42. Cancer and other malignant tumors of the female genital organs	7	4													1	2	1	1	1			1						7	
43. Cancer and other malignant tumors of the breast	6												1	1		1		2		1								6	
44. Cancer and other malignant tumors of the skin	1																									1			1
45. Cancer and other malignant tumors of other organs and of organs not specified	18	1										2	2		3			7	1	2		1					12	6	

*Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																			SEX.									
	Total Mortality for November, 1910.	Deaths of Non-residents.																											
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Male.	Female.	
I. General Diseases. — Concluded.																													
46. Other tumors (tumors of the female genital organs excepted)																													
47. Acute articular rheumatism	1																				1							1	
48. Chronic rheumatism and gout																													
49. Scurvy	1	1						1																				1	
50. Diabetes	14			1				1	1		1	1	2	1	1			1	3	2								9	5
51. Exophthalmic goitre	1	1								1																		1	
52. Addison's disease																													
53. Leuchæmia																													
54. Anæmia, chlorosis	5	2	1					1					1		1			1		1								2	3
55. Other general diseases																													
56. Alcoholism (acute or chronic)	7	2									1			2		1	1	1		1								6	1
57. Chronic lead poisoning																													
58. Other chronic occupation poisonings																													
59. Other chronic poisonings																													
Totals of general diseases	230	25	15	6	4	3	1	29	3	3	10	19	14	19	22	19	16	14	11	23	10	11	1	4	2			123	107
II. Diseases of the Nervous System and of the Organs of Special Sense.																													
60. Encephalitis																													
61. Meningitis { 1. Simple meningitis	3			2				2							1													3	
2. Cerebro-spinal meningitis (undefined)	1		1					1																				1	
3. Cerebro-spinal fever																													
62. Locomotor ataxia	2																		2									1	1
63. Other diseases of the spinal cord	2	1															1						1					1	1
(a) Acute Anterior Poliomyelitis*																													
64. Cerebral hemorrhage, apoplexy	43	5											1	3	3		11	4	6	6	2	4	2	1				17	26
65. Softening of the brain	1																1											1	
66. Paralysis without specified cause	3																	1			1	1						2	1
67. General paralysis of the insane	2												1		1														2
68. Other forms of mental alienation																													
69. Epilepsy	2	1											1				1												2
70. Convulsions (non-puerperal)																													
71. Convulsions of infants	3		3					3																				1	2
72. Chorea																													
73. Neuralgia and Neuritis	2	1															1			1									2
74. Other diseases of the nervous system	3		1					1												1			1						3
75. Diseases of the eyes and their annexa																													
76. Diseases of the ears	4	2	1			1		2	1					1														2	2
Totals of nervous system, etc.,	71	10	6	2		1		9	1					3	5	3	5	12	5	9	7	4	5	2	1			28	43
III. Diseases of the Circulatory System.																													
77. Pericarditis	1																		1										1
78. Acute endocarditis	5									1		1			1					1		1						4	1
79. Organic diseases of the heart	120	7								1	2	3	1	7	8	8	6	7	22	13	21	5	8	3	1	48		72	
80. Angina pectoris	4									1										1	2								4
81. Diseases of the arteries, atheroma, aneurism, etc.	14	1												2	1	1		1	1	1	1	2		2	2		7	7	
82. Embolism and thrombosis	2															1								1					2

* Deaths under Italicised headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1910. Deaths of non-residents.		AGE.																												SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.				
III. Diseases of the Circulatory System.—Concluded.																																
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																																
84. Diseases of the lymphatic system (lymphangitis, etc.)	1							1																					1			
85. Hemorrhage; other diseases of the circulatory system																																
Totals of circulatory system	147	8							1	3	2	4	1	9	11	9	6	8	26	16	23	12	8	5	3		60	87				
IV. Diseases of the Respiratory System.																																
86. Diseases of the nasal fossae																																
87. Diseases of the larynx	1		1						1																				1			
88. Diseases of the thyroid body																																
89. Acute bronchitis	15	1		5					5	1						1		1	1	1		1	1	2	1			5	10			
90. Chronic bronchitis	4	1											1											2					4			
91. Broncho-pneumonia	48	3	18	7	5	1	1	32						1					1		3	8		2	1		20	28				
92. Pneumonia	77	8	10	11	2	1		24	1				1		2	3	3	5	10	3	8	3	6	5	2	1		42	35			
93. Pleurisy	3	1													2								1					3				
94. Pulmonary congestion, pulmonary apoplexy	4			1					1										1				2					3	1			
95. Gangrene of the lung																																
96. Asthma	1																				1								1			
97. Pulmonary emphysema																																
98. Other diseases of the respiratory system (tuberculosis excepted)	2														1		1												2			
Totals of respiratory system	155	14	34	19	7	2	1	63	2			2		3	5	5	5	13	4	10	7	18	9	7	2		75	80				
V. Diseases of the Digestive System.																																
99. Diseases of the mouth and annexa																																
100. Diseases of the pharynx	2				1	1			2																				2			
101. Diseases of the oesophagus																																
102. Ulcer of the stomach																																
103. Other diseases of the stomach (cancer excepted)	3																					1	1		1				3			
104. Diarrhoea and enteritis (under two years)	37	5		32	5				37																				24	13		
105. Diarrhoea and enteritis (two years and over)	3														1		1			1									3			
106. Ankylostomiasis																																
107. Intestinal parasites																																
108. Appendicitis and typhlitis	6	2								2			1							1	1	1							4	2		
109. Hernias, intestinal obstructions	9	3		2						2						1								2	3		1			4	5	
110. Other diseases of the intestine																																
111. Acute yellow atrophy of the liver	1															1													1			
112. Hydatid tumor of the liver																																
113. Cirrhosis of the liver	6	1														1		1	3					1					6			
(a.) Due to alcoholism*	5															1		1	2					1					5			
114. Biliary calculi	1	1														1													1			
115. Other diseases of the liver	4	1			1					1									1		1					1			2	3		
116. Diseases of the spleen																																
117. Simple peritonitis (non puerperal)	3	1				1										2													1	2		
118. Other diseases of the digestive system (cancer and tuberculosis excepted)																																
Totals of digestive system	75	14	34	7	2				43	2			1		3	4	1	1	4	1	3	2	4	3	2	1		47	28			

* Deaths under italicised headings are included in those of the main heading.

CAUSES OF DEATH.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for November, 1910.	Deaths of non-residents.	AGE.																										SEX.																														
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.																															
XI. Diseases of Early Infancy.—Concluded.																																																											
153. Lack of care			42	1	42						42																		24	18																													
Totals of early infancy																																																											
XII. Old Age.																																																											
154. Senility			4																						2	1	1		1	3																													
XIII. Affections Produced by External Causes.																																																											
155. Suicide by poison			5										1	1	1		1	1											3	2																													
156. Suicide by asphyxia																																																											
157. Suicide by hanging or strangulation																																																											
158. Suicide by drowning			1														1												1																														
159. Suicide by firearms			1	1													1											1																															
160. Suicide by cutting or piercing instruments			3	1													1		1	1								1	2																														
161. Suicide by jumping from a high place																																																											
162. Suicide by crushing																																																											
163. Other suicides																																																											
164. Poisoning by food																																																											
165. Other acute poisonings			1			1		1																				1																															
166. Conflagration			1														1												1																														
167. Burns (conflagration excepted)			5	1		2		2	1						1		1											1	4																														
168. Absorption of deleterious gases (conflagration excepted)			5	1	1			1			1						2		1									4	1																														
169. Accidental drowning			2	1								1					1											2																															
170. Traumatism by firearms			1													1												1																															
171. Traumatism by cutting or piercing instruments			1																			1					1																																
172. Traumatism by fall			10	3		1		1							1			3	1	1		1	1		1	1	7	3																															
173. Traumatism in mines and quarries																																																											
174. Traumatism by machines			3	1							1								2								3																																
175. Traumatism by other crushing (vehicles, railroad, landlides, etc.)			7	1				2		1			1	2				1									5	2																															
176. Injuries by animals																																																											
177. Starvation																																																											
178. Excessive cold																																																											
179. Effects of heat																																																											
180. Lightning																																																											
181. Electricity (lightning excepted)			1	1													1										1																																
182. Homicide by firearms			2													1	1										2																																
183. Homicide by cutting or piercing instruments																																																											
184. Homicide by other means			5	1								1	1		1		1					1				2	3																																
185. Fractures (cause not specified)																																																											
186. Other external violence																																																											
Totals of affections by external causes,																															54	12	1	1	2		5	2	1	1	3	3	1	6	6	7	5	3	4	2	1	2	1		1	36	18		
XIV. Ill-defined Diseases.																																																											
187. Ill-defined organic disease			1	1				1																				1																															
188. Sudden death																																																											
189. Cause of death not specified or ill-defined			5	4	1			5																			4	1																															
Totals of ill-defined diseases . .																															6	5	1				6																			4	2		
Totals from all causes,																															864	95	147	86	16	6	5	210	11	5	16	31	36	35	53	49	46	56	46	75	53	70	34	30	15	6	434	430	

CAUSES OF DEATH.	Date of death.	Additional details, leading to non-ventilation.	AGE.		SEX.
			1	2	
			Under 1 year.		
			1 year and under 2 years.		
			2 years and under 3 years.		
			3 years and under 4 years.		
			4 years and under 5 years.		
			Total under 5 years.		
			5 years and under 10 years.		
			10 years and under 15 years.		
			15 years and under 20 years.		
			20 years and under 25 years.		
			25 years and under 30 years.		
			30 years and under 35 years.		
			35 years and under 40 years.		
			40 years and under 45 years.		
			45 years and under 50 years.		
			50 years and under 55 years.		
			55 years and over.		
			Color.		
			Condition.		
			Nativity.		
			Nativity of Mother.		
			Males.		
			Females.		

	CITY.			QUARANTINE.				CITY.			QUARANTINE.			
	Nov., 1910		Nov., 1909	Nov., 1910		Nov., 1909		Nov., 1910		Nov., 1909	Nov., 1910		Nov., 1909	
	Total	Non-res.		Total	Non-res.			Total	Non-res.		Total	Non-res.		
Cholera	—	—	—	—	—	—	Measles	73	—	304	—	—	—	
Chicken-pox	58	—	102	—	—	—	Scarlatina	128	17	163	—	—	—	
Cerebro-spinal meningitis . .	3	—	6	—	—	—	Smallpox	—	—	—	—	—	—	
Diphtheria and croup . . .	185	7	298	—	—	—	Typhus fever	—	—	—	—	—	—	
Pulmonary and laryngeal							Typhoid fever	78	5	70	—	—	—	
tuberculosis	237	4	259	—	—	—	Yellow fever	—	—	—	—	—	—	

Cattle inspected	1,901	Cattle Condemed, 60 and parts, 20,756 lbs.	
Calves "	292	Calves " 7	243 "
Sheep "	—	Sheep "	— "
Hogs "	4,073	Hogs " 3 and parts, 2,893 "	

MEATS.		FISH	MISCELLANEOUS.
Veal (immature) .	33 lbs.	Lobsters, 44.	Vegetables, 1 bush.
Poultry (tainted) .	433 "		Eggs . . 2 doz.
Beef	" 9 "		"
" (Tuberculosis)	575 "		

Examination as to Statute requirements.			
Samples examined	Milk from Stores		574
" "	" " Wagons		669
" "	" brought in by Citizens		34
" "	" for bacteriological examination,		524
" "	Vinegar		74
" "	Butter and Cheese		57
Total Samples,			1,962

DIPHTHERIA:	Positive for diagnosis . . .	153	GONORRHEA:	Positive	2		
	Positive for release . . .	240		OPHTHALMIA:	Negative	12	
	Negative for diagnosis . . .	1,077			Unsatisfactory	0	14
	Negative for release . . .	292					
	"No growth" cultures . . .	12	1,783		GONORRHEA:	Positive	25
TUBERCULOSIS:	Positive	62		Negative	50		
	Negative	307		Unsatisfactory	1	85	
	Unsatisfactory	0	389	Other examinations:*	Positive	22	
				Negative	135		
TYPHOID:	Positive	26		Unsatisfactory	1	158	
	Negative	280		BACTERIOLOGICAL MILK EXAMINATIONS	524		
	Atypical	16					
	Unsatisfactory	0	302	Total	3,269		
GLANDERS:	Positive	13	SPECIAL WORK:	Milk sediments for T.B.; Examined cow feces for T.B.; Disinfection tests.			
	Negative	17					
	Unsatisfactory	4		34			

*K L Vir., Conradi, Paratyphoid, Typhoid Urine and Feces, Ice and Butter for Typhoid, B. Coli, Malaria, Ophthalmia, Organisms, Gen. Urin. T. B., Actinomyrosis Spirochaetae.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of November, 1910, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.36	46	74	N.W.	0	Mean Barometer, 29.76.
2	30.20	52	90	S.E.	* T	Highest Barometer, 30.39 on the 1st.
3	30.00	49	90	E.	.48	Lowest Barometer, 29.37 on the 30th.
4	29.68	50	100	N.E.	1.73	Monthly Range of Barometer, 1.02.
5	29.67	50	86	N.	.01	Mean Temperature, 41.2°.
6	29.70	46	80	W.	0	Highest Temperature, 61° on the 2d.
7	29.66	40	68	W.	0	Lowest Temperature, 26° on the 26th.
8	29.72	37	60	W.	0	Monthly Range of Temperature, 35°.
9	29.86	40	64	W.	0	Greatest Daily Range of Temperature, 20° on the 20th.
10	29.64	46	94	E.	.33	Least Daily Range of Temperature, 5° on the 4th.
11	29.56	44	78	W.	0	Mean Daily Range of Temperature, 12°.
12	29.53	38	75	W.	0	Mean Daily Dew-point, 33°.
13	29.56	36	77	W.	* T	Mean Daily Relative Humidity, 74.
14	29.59	38	66	W.	0	Prevailing Direction of Wind, West.
15	29.62	38	64	N.W.	0	Total Movement of Wind, 8,013 miles.
16	29.61	39	60	W.	0	Highest Velocity of Wind and Direction,—34 miles from East on the 4th.
17	29.64	39	62	W.	0	Number of Foggy Days, none.
18	29.61	38	56	W.	0	Number of Fair Days, 12.
19	29.99	36	62	W. & N.W.	* T	Number of Cloudy Days, 15.
20	30.19	34	57	N.W.	0	Total Number of Days on which Rain or Snow fell, 13.
21	30.11	38	63	N.W. & S.W.	0	Depth of Unmelted Snow on ground at end of month, none.
22	29.88	41	81	N.W.	.01	Dates of Auroras, none.
23	30.05	41	80	N.	0	Dates of Solar Halos, none.
24	29.87	46	73	S.	0	Thunder Storms, none.
25	29.63	42	86	N.W.	.07	Dates of Frosts, —
26	29.68	40	67	N.W.	* T	Mean Maximum Temperature, 47.
27	29.77	39	61	N.W.	0	Mean Minimum Temperature, 56.
28	29.76	39	72	N.	* T	MEAN TEMPERATURE for this month in
29	29.48	38	59	N.	.96	Total Precipitation for this Month in inches
30	29.40	38	86	W.	.16	1871 37
31	—	—	—	—	—	1872 41
TOTALS					3.75	1873 33
MEANS	29.71	41	74	W.	1.25	1874 42
						1875 35
						1876 41
						1877 44
						1878 39
						1879 39
						1880 38
						1881 44
						1882 39
						1883 43
						1884 41
						1885 44
						1886 43
						1887 42
						1888 44
						1889 45
						1890 42
						1891 41
						1892 41
						1893 42
						1894 38
						1895 45
						1896 46
						1897 41
						1898 42
						1899 42
						1900 45
						1901 37
						1902 46
						1903 40
						1904 38
						1905 42
						1906 42
						1907 43
						1908 44
						1909 45
						1910 41

Average mean temperature for 40 years, 42°.

Average monthly precipitation for 40 years, 4.03 inches.

* T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of December, 1910.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of December, 1910	984
Population estimated at 673,745	Rate per 1,000 inhabitants, 17.20
Deaths of non-residents, 97	*Corrected rate per 1,000 inhabitants, 15.50

Total number 984

SEX.

Males 534
Females 450

CONDITION.

Single 386
Married 355
Widowed 282
Divorced 5
Unknown 6

COLOR.

White 962
Black (Negro or mixed) 21
Chinese 1

Total deaths of children { Under 1 year 121
Under 2 years 159
Under 5 years 189

NATIVITY.

United States 576
Ireland 194
England and Wales 20
Scotland 4
Germany 25
Canada 86
Italy 21
Russia and Poland 21
Sweden and Norway 13
France 1
Other Countries 17
Unknown 6

NATIVITY OF MOTHERS.

United States 256
Ireland 351
England and Wales 28
Scotland 8
Germany 31
Canada 89
Italy 51
Russia and Poland 39
Sweden and Norway 18
France 0
Other Countries 26
Unknown 87
Still-births during the month 52

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

CAUSES OF DEATH	Total Mortality for December, 1910.	Deaths of non-residents.	AGE.																								SEX.		
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
			General Diseases.																										
1. Typhoid fever	8							1	1		1	1					2	1									4	4	
2. Typhus fever																													
3. Relapsing fever																													
4. Intermittent fever and malarial cachexia (a) Malarial cachexia *																													
5. Smallpox																													
6. Measles	3	1	2					1	3																			3	
7. Scarlet fever	7	2						4	1	5	2																4	3	
8. Whooping cough	5	1	1	2	1			1	5																		4	1	
9. Diphtheria and croup	14	2	1	1			3	2	7	3	2		1	1													9	5	
10. Influenza	5	1	1					1							1					1			1	1			3	2	
11. Miliary fever																													
12. Asiatic cholera																													
13. Cholera nostras																													
14. Dysentery																													
15. Plague																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	5	3						3						1		1											5		
19. Other epidemic diseases	1	1						1																			1		
20. Purulent infection and septicemia	2	1						1																1			2		
21. Glanders																													
22. Anthrax																													
23. Rabies																													
24. Tetanus																													
25. Mycoses																													
26. Pellagra																													
27. Beriberi																													
28. Tuberculosis of the lungs	89	3		2		1		3		6	9	13	12	12	6	6	10	6	3	3							62	27	
29. Acute miliary tuberculosis	5		1					1					1	1		1	1										1		
30. Tuberculous meningitis	11	2	2	3	1	2		8	1				1				1										7	4	
31. Abdominal tuberculosis	1	1														1												1	
32. Pott's disease	2											1	1															2	
33. White swelling	1																				1						1		
34. Tuberculosis of other organs	3			1				1		1					1												1	2	
35. Disseminated tuberculosis																													
36. Rickets																													
37. Syphilis	7		2	1				3				1	1	1	1												2	5	
38. Gonococcus infection																													
39. Cancer and other malignant tumors of the buccal cavity	2	2															1				1						2		
40. Cancer and other malignant tumors of the stomach, liver	22	3											1	3	2	2	4	3	2	3			1		1		8	14	
41. Cancer and other malignant tumors of the peritoneum, intestine, rectum	12	2															1	1	4	2	1	2			1		6	6	
42. Cancer and other malignant tumors of the female genital organs	6	3											1	1		2		1	1								6		
43. Cancer and other malignant tumors of the breast	8																3	1				1					8		
44. Cancer and other malignant tumors of the skin	1																		1								1		
45. Cancer and other malignant tumors of other organs and of organs not specified	13	4		2				2					2	1	2	1	1	1	1		1	2					8	5	

* Deaths under italicized headings are included in those of the main heading.



SUMMARY OF DEATHS IN BOSTON,

With Principal Causes, for the year 1910, compared with those of 1909.

PUBLISHED BY ORDER OF THE BOARD OF HEALTH.

SAMUEL H. DURGIN, M.D., Chairman.

	1910.	1909.		1910.	1909.
Total No. of deaths from all causes	11,567	11,064	Diphtheria and croup	158	193
Population	673,745	658,576	Erysipelas	66	54
Annual death rate per 1,000 inhabitants,	17.17	16.80	Glanders	2	—
Deaths of nonresidents	1,280	1,305	Heart { Pericarditis	19	16
*Corrected death rate per 1,000	15.27	14.82	{ Endocarditis, acute	103	173
			{ Organic Diseases	1,302	1,053
Total No. of stillbirths	675	708	Influenza	69	62
Total deaths of children under 1 year	2,248	2,125	Measles	96	73
“ “ “ “ 2 years,	2,710	2,593	Nephritis { Acute	61	69
“ “ “ “ 5 years,	3,119	3,029	{ Chronic	648	584
Percentage of deaths under 5 years to total mortality	26.96	27.38	Pneumonia { Lobar	934	950
Total No. of deaths from diarrhoea and enteritis, under 2 years	645	633	{ Broncho	442	312
Total No. of deaths from diarrhoea and enteritis, all ages	738	749	Pulmonary and laryngeal tuber- culosis	1,119	1,056
Percentage of deaths from diarrhoea and enteritis to total mortality	6.38	6.77	Puerperal septicaemia	31	32
Anthrax	1	—	Pyæmia and septicaemia	22	49
Bronchitis	170	168	Rabies	—	3
Cancer	693	670	Rheumatism	56	37
Cerebro-spinal meningitis	37	31	Scarlet fever	59	82
Diabetes	135	104	Syphilis	44	61
Dysentery	14	14	Typhoid fever	78	91
			Whooping cough	52	74
			Violent deaths	733	780

*Nonresidents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for December, 1910.	Deaths of non-residents.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and over.	Males.	Females.						
I. General Diseases.—Concluded.																														
46. Other tumors (tumors of the female genital organs excepted)																														
47. Acute articular rheumatism	1																										1			
48. Chronic rheumatism and gout	2																		1			1								
49. Scurvy																														
50. Diabetes	9													1				1	2		2	3					5	4		
51. Exophthalmic goitre																														
52. Addison's disease																														
53. Leucæmia	1																			1							1			
54. Anemia, chlorosis	1																					1						1		
55. Other general diseases	1	1																1									1			
56. Alcoholism (acute or chronic)	15	1											1	1	3	3		2	1	2	1		1				12	3		
57. Chronic lead poisoning																														
58. Other chronic occupation poisonings																														
59. Other chronic poisonings																														
Totals of general diseases	263	29	15	12	2	10	5	44	7	3	8	12	20	20	23	16	10	23	20	15	15	9	4	3	1	1	148	115		
II. Diseases of the Nervous System and of the Organs of Special Sense.																														
60. Encephalitis																														
61. Meningitis	5	1		1		2							1	1							1							5		
1. Simple meningitis	2	2				2																					1	1		
2. Cerebro-spinal meningitis (undefined)	2	1				1				1																	2			
3. Cerebro-spinal fever	1																1										1			
62. Locomotor ataxia	1																										1			
63. Other diseases of the spinal cord	4	1				1					1							1						1			3	1		
(a) Acute Anterior Poliomyelitis*	1	1				1																					1			
64. Cerebral hemorrhage, apoplexy	52	5														1	4	5	4	7	14	7	6	2	1	1	24	28		
65. Softening of the brain																														
66. Paralysis without specified cause	4																						3	1			2	2		
67. General paralysis of the insane	5																	2	1					1	1		3	2		
68. Other forms of mental alienation	3	1												1	1						1						1	2		
69. Epilepsy	2		1			1														1							2			
70. Convulsions (non-puerperal)																														
71. Convulsions of infants	4	4				4																					1	3		
72. Chorea																														
73. Neuralgia and Neuritis																														
74. Other diseases of the nervous system	4	1		1		1	2											1				1					4			
75. Diseases of the eyes and their annexa																														
76. Diseases of the ears	1	1												1													1			
Totals of nervous system, etc.,	89	8	9	2		1	1	13			1	1	1	1	2	2	8	6	6	7	16	11	8	4	1	1	50	39		
III. Diseases of the Circulatory System.																														
77. Pericarditis	1																			1							1			
78. Acute endocarditis	7		1			1										1	1		2				1			1	5	2		
79. Organic diseases of the heart	129	13			1		1	1	2	2	1	3	3	3	8	9	14	16	15	17	6	11	10	4	3	63	66			
80. Angina pectoris	4	1																				2		1	1		3	1		
81. Diseases of the arteries, atheroma, aneurism, etc.	19	2																		2	1	2	5	2	3	1	12	7		
82. Embolism and thrombosis	9	2															2		1	1	1				2	2		5		

* Deaths under italicized headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1910.		Deaths of non-residents.	AGE.																											SEX.	
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
III. Diseases of the Circulatory System.— Concluded.																																
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																																
84. Diseases of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhage; other diseases of the circulatory system																																
Totals of circulatory system	169	18	1	1						2	1	2	2	1	3	3	3	11	12	16	20	20	18	8	20	14	8	5		89	80	
IV. Diseases of the Respiratory System.																																
86. Diseases of the nasal fossae																																
87. Diseases of the larynx																																
88. Diseases of the thyroid body																																
89. Acute bronchitis	11		3						3													1	1	2	1	1	1	1		6	5	
90. Chronic bronchitis	7	2																	1				2		3	1			3	4		
91. Broncho-pneumonia	54		16	8	4	1			29					1	1			1	1		2	1	3	1	6	2	5	1	24	30		
92. Pneumonia	198	3	8	7	1		1	17						1	1	1	8	10	4	11	8	12	10	10	5	5	1	1	3	61	47	
93. Pleurisy	3	2	1	1				2																1					2	1		
94. Pulmonary congestion, pulmonary apoplexy	3																							1	2				1	2		
95. Gangrene of the lung																																
96. Asthma																																
97. Pulmonary emphysema																																
98. Other diseases of the respiratory system (tuberculosis excepted)	1																	1													1	
Totals of respiratory system	187	7	28	16	5	1	1	51						1	2	2	8	12	5	11	11	13	14	12	17	10	10	4	4	97	80	
V. Diseases of the Digestive System.																																
99. Diseases of the mouth and annexa	1																									1					1	
100. Diseases of the pharynx																																
101. Diseases of the esophagus																																
102. Ulcer of the stomach	6																			1		2	1							2	4	
103. Other diseases of the stomach (cancer excepted)	4	1						1																		2	1			1	3	
104. Diarrhea and enteritis (under two years)	10		8	2				10																						3	7	
105. Diarrhea and enteritis (two years and over)	9	1			1			1	1									1		2				1		3			5	4		
106. Ankylostomiasis																																
107. Intestinal parasites																																
108. Appendicitis and typhlitis	7	1								1	1				1	1	1	1	1											2	5	
109. Hernias, intestinal obstructions	12	5	1	1	1	1			3					1	1					2		2	3						8	4		
110. Other diseases of the intestine																																
111. Acute yellow atrophy of the liver																																
112. Hydatid tumor of the liver																																
113. Cirrhosis of the liver	6	1													1			1	1	1			1	1						5	1	
(a.) Due to alcoholism*	4	1													1				1		1			1						3	1	
114. Biliary calculi	4	1															1		1				1		1						4	
115. Other diseases of the liver	1																					1									1	
116. Diseases of the spleen																																
117. Simple peritonitis (non-puerperal)	6	1	2	1					3									1	1		1									3	3	
118. Other diseases of the digestive system (cancer and tuberculosis excepted)																																
Totals of digestive system	66	19	12	4	2				18		2	1	2	2	1	1	3	6	4	6	6	6	3	2	1	7	1			29	37	

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		Total Mortality for December, 1910. Deaths of non-residents.		AGE.																												SEX.	
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.				
VI. Non-venereal Diseases of the Genito-Urinary System and Annexa.																																	
119.	Acute nephritis	8						1			1					1			1	2	1			1						4	4		
120.	Bright's disease	62	4												3	2	4	6	10	3	7	9	4		8	4	2			25	3		
121.	Chyluria																																
122.	Other diseases of the kidneys and annexa	2																1				1								2			
123.	Calculi of the urinary passages	1	1																			1								1			
124.	Diseases of the bladder	3	1																					2		1				3			
125.	Other diseases of the urethra, urinary abscess, etc.																																
126.	Diseases of the prostate	4	1																		1	2				1			4				
127.	Non-venereal diseases of the male genital organs																																
128.	Uterine hemorrhage (non-puerperal)																																
129.	Uterine tumor (non-cancerous)	2	1														1	1												2			
130.	Other diseases of the uterus	4	2												1	1		1				1								4			
131.	Cysts and other tumors of the ovary																																
132.	Salpingitis and other diseases of the female genital organs																																
133.	Non-puerperal diseases of the breast (cancer excepted)																																
Totals of genito-urinary system		86	10					1			1			4	4	4	9	11	6	10	13	7	8	6	2				39	47			
VII. Puerperal State.																																	
134.	Accidents of pregnancy	1											1																				
135.	Puerperal hemorrhage																																
136.	Other accidents of labor	1												1																1			
137.	Puerperal septicemia	3	2									1	1		1															3			
138.	Puerperal albuminuria and convulsions	1															1													1			
139.	Puerperal phlegmasia alba dolens, embolus, sudden death																																
140.	Following child birth (not otherwise defined)																																
141.	Puerperal diseases of the breast																																
Totals of puerperal state		6	2									1	2		2	1														6			
VIII. Diseases of the Skin and of the Cellular Tissue.																																	
142.	Gangrene	1																								1				1			
143.	Furuncle																																
144.	Acute abscess																																
145.	Other diseases of the skin and annexa,	1																		1										1			
Totals of skin tissue		2																		1						1				1	1		
IX. Diseases of the Bones and of the Organs of Locomotion.																																	
146.	Diseases of the bones (tuberculosis excepted)	2	1		1			1			1			1																3			
147.	Diseases of the joints (tuberculosis and rheumatism excepted)																																
148.	Amputations																																
149.	Other diseases of the organs of locomotion																																
Totals of bones and organs of locomotion,		3	1		1			1			1			1																3			
X. Malformations.																																	
150.	Congenital malformations (still-births not included)	11	1	11				11																						6	5		
XI. Diseases of Early Infancy.																																	
151.	Congenital debility, lacerus, and sclerema	31	2	31				31																						19	12		
152.	Other diseases peculiar to early infancy,	12		12				12																						8	4		

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																								SEX.	
	Deaths of non-residents.																								Males.	Females.
Total Mortality for December, 1910.																										
Under 1 year.																										
1 year and under 2 years.																										
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ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Date of death.	Additional deaths of non-residents.	AGE.																				SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF DECEMBER, 1910, AND FOR THE CORRESPONDING MONTH IN 1909.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Dec., 1910	Dec., 1909	Dec., 1910	Dec., 1909		Dec., 1910	Dec., 1909	Dec., 1910	Dec., 1909
	Total	Non-res.	Total	Non-res.		Total	Non-res.	Total	Non-res.
Cholera	70	1	103	2	—	151	335	1	—
Chicken-pox	3	—	7	—	—	123	185	—	—
Cerebro-spinal meningitis	216	6	374	—	—	—	—	—	—
Diphtheria and croup	—	—	—	—	—	—	—	—	—
Pulmonary and laryngeal tuberculosis	237	9	258	—	—	38	43	—	—
Measles	—	—	—	—	—	—	—	—	—
Scarlatina	—	—	—	—	—	—	—	—	—
Smallpox	—	—	—	—	—	—	—	—	—
Typhus fever	—	—	—	—	—	—	—	—	—
Typhoid fever	—	—	—	—	—	—	—	—	—
Yellow fever	—	—	—	—	—	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	1,071	Cattle Condemed, 17	5,535 lbs.
Calves "	176	Calves " 3	108 "
Sheep "	4	Sheep "	—
Hogs "	4,274	Hogs " 5	708 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		MISCELLANEOUS.	
Veal (immature)	140 lbs.	Fruit	7 bush.
Poultry (tainted)	115 "	Eggs (tainted)	240 lbs.

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	723
" "	" " Wagons	479
" "	" brought in by Citizens	51
" "	" for bacteriological examination,	511
" "	Vinegar	144
" "	Butter and Cheese	143
Total Samples,		2,051

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	136	GONORRHEA:	Positive	31
	Positive for release	147		Negative	52
	Negative for diagnosis	829		Unsatisfactory	0
	Negative for release	307			83
	"No growth" cultures	2	1,421	Other examinations: Positive	16
					60
TUBERCULOSIS:	Positive	78		Negative	3
	Negative	328		Unsatisfactory	79
	Unsatisfactory	1	407	BACTERIOLOGICAL MILK EXAMINATIONS	511
TYPHOID:	Positive	10	119	Total	2,660
	Negative	88			
	Atypical	12		SPECIAL WORK:	Examined cow feces for T.B.; Milk sediments for T.B.; Disinfection work; Bacterial content of eggs; Determination of temperatures and humidity in theatres.
GLANDERS:	Positive	8			
	Negative	10			
	Unsatisfactory	13	40		

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of December, 1910, as reported by J. W. SMITH, D. F. O., Weather Bureau.

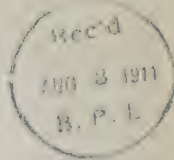
DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.44	36	76	W.	0	Mean Barometer, 29.99.
2	29.76	32	71	W.	* T	Highest Barometer, 30.74 on the 31st.
3	30.03	30	63	W.	0	Lowest Barometer, 29.36 on the 15th.
4	30.04	30	56	W.	0	Monthly Range of Barometer, 1.42.
5	30.10	22	58	N.	0	Mean Temperature, 27.5°.
6	29.91	20	74	N.	.06	Highest Temperature, 55° on the 30th.
7	29.80	24	77	N.	.24	Lowest Temperature, 6° on the 31st.
8	30.00	26	64	W.	0	Monthly Range of Temperature, 49°.
9	30.18	20	58	W.	0	Greatest Daily Range of Temperature, 43° on the 30th.
10	30.22	16	54	W.	0	Least Daily Range of Temperature, 4° on the 6th.
11	30.12	16	69	N.	* T	Mean Daily Range of Temperature, 14.6°.
12	30.15	26	76	N.W.	0	Mean Daily Relative Humidity, 68.2.
13	30.32	25	63	N.W.	0	Prevailing Direction of Wind, West.
14	29.92	28	60	S.W.	0	Total Movement of Wind, 8,636 miles.
15	29.48	23	86	N.W.	.12	Highest Velocity of Wind and Direction,—36 miles from N.W. on the 30th.
16	30.10	12	52	N.W.	* T	Number of Foggy Days, none. Number of Fair Days, 6.
17	30.32	16	68	W.	0	Number of Clear Days, 10. Number of Cloudy Days, 15.
18	30.22	30	74	W.	0	Total Number of Days on which Rain or Snow fell, 15.
19	9.45	41	81	W.	.17	Depth of Unmelted Snow on ground at end of month, none.
20	29.42	36	74	W.	.06	Dates of Auroras, none. Dates of Lunar Halos, 11, 13.
21	29.55	25	78	W.	.05	Dates of Solar Halos, 13, 15, 28. Thunder Storms, —
22	30.32	20	60	N.W.	0	Dates of Frosts, —
23	30.37	30	64	S.W.	0	Mean Maximum Temperature, 54.8. Mean Minimum Temperature, 20.2.
24	29.83	46	89	S.	1.23	MEAN TEMPERATURE for this month in
25	30.06	30	58	N.W.	.02	1871 28
26	30.22	25	60	N.W.	.03	1872 23
27	30.14	36	76	W.	0	1873 32
28	30.17	37	82	W.	.06	1874 31
29	29.90	44	78	S.W.	0	1875 30
30	29.78	34	72	W.	.06	1876 22
31	30.74	14	40	N.W.	* T	1877 36
TOTALS.....					2.10	1878 30
MEANS.....	30.0	27.5	68	W.	0.07	1879 32
						1880 27
						1881 39
						1882 30
						1883 29
						1884 34
						1885 35
						1886 28
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						1909 31
						1910 28
						1871 3.38
						1872 3.09
						1873 5.64
						1874 2.14
						1875 0.75
						1876 3.71
						1877 1.32
						1878 6.76
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						1881 5.80
						1882 2.65
						1883 3.71
						1884 4.46
						1885 2.09
						1886 3.66
						1887 2.71
						1888 4.33
						1889 1.83
						1890 3.72
						1891 3.58
						1892 1.12
						1893 5.16
						1894 4.28
						1895 2.45
						1896 1.70
						1897 3.92
						1898 2.19
						1899 1.52
						1900 2.25
						1901 8.49
						1902 4.48
						1903 2.57
						1904 5.52
						1905 3.18
						1906 3.96
						1907 4.31
						1908 2.47
						1909 8.19
						1910 2.10

Average mean temperature for 40 years, 31°.

Average monthly precipitation for 40 years, 3.32 inches.

* T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of January, 1911.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of January, 1911	1,067
Population estimated at 688,912	Rate per 1,000 inhabitants, 18.24
Deaths of non-residents, 117	*Corrected rate per 1,000 inhabitants, 16.24

Total number 1,067

SEX.

Males 564
Females 503

CONDITION.

Single 452
Married 381
Widowed 217
Divorced 5
Unknown 12

COLOR.

White 1,029
Black (Negro or mixed) 37
Indian 1

Total deaths of children, { Under 1 year 163
Under 2 years 205
Under 5 years 242

NATIVITY.

United States 616
Ireland 189
England and Wales 13
Scotland 10
Germany 19
Canada 92
Italy 30
Russia and Poland 45
Sweden and Norway 13
France 1
Other Countries 28
Unknown 11

NATIVITY OF MOTHERS.

United States 276
Ireland 332
England and Wales 23
Scotland 13
Germany 25
Canada 101
Italy 72
Russia and Poland 68
Sweden and Norway 18
France 1
Other Countries 32
Unknown 106
Still-births during the month 67

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for January, 1911. Deaths of non residents.		AGE.																												SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.				
General Diseases.																																
1. Typhoid fever	2	1							1								1												2			
2. Typhus fever																																
3. Relapsing fever																																
4. Intermittent fever and malarial cachexia (a) Malarial cachexia*																																
5. Smallpox																																
6. Measles	6		2	2	1	1		6																				5	1			
7. Scarlet fever	7	2		1	2	2	2	7																				3	4			
8. Whooping cough	10		4	2	2			8	2																			4	6			
9. Diphtheria and croup	12	2		5	1	3		9	2								1											6	6			
10. Influenza	3															1					2							1	2			
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery	1	1									1																	1				
15. Plague																																
16. Yellow fever																																
17. Leprosy																																
18. Erysipelas	6	1	1					1					1		1	1					1	1					2	4				
19. Other epidemic diseases	2		1					1					1															2				
20. Purulent infection and septicemia	1														1													1				
21. Glanders																																
22. Anthrax																																
23. Rabies																																
24. Tetanus	1													1														1				
25. Mycoses																																
26. Pellagra																																
27. Beriberi																																
28. Tuberculosis of the lungs	101	8	1	2		1		4		1	5	13	14	15	11	12	5	7	1	8	2							60	41			
29. Acute miliary tuberculosis	5		1	1				2					1															1	2			
30. Tuberculous meningitis	11		6	1	1			8	1	1	1																	7	4			
31. Abdominal tuberculosis	3								1					1						1								3				
32. Pott's disease																																
33. White swelling																																
34. Tuberculosis of other organs	3												1		2													2	1			
35. Disseminated tuberculosis																																
36. Rickets																																
37. Syphilis	3	1	2					2									1											3				
38. Gonococcus infection																																
39. Cancer and other malignant tumors of the buccal cavity	1																		1									1				
40. Cancer and other malignant tumors of the stomach, liver	19	1												1	3	1		2	1	1	3	3	2	2				4	15			
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	14	4												1			1	4	2	2	2	1	1					6	8			
42. Cancer and other malignant tumors of the female genital organs	8	2											1	2	1	2				2								8				
43. Cancer and other malignant tumors of the breast	12	3											1		1	1	2	1	2	2				1	1			1	11			
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and of organs not specified	12	2		1				1					1	1			1	2	2	2	2							9	8			

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	AGE.																												SEX.	
	Total Mortality for January, 1911.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																														
46. Other tumors (tumors of the female genital organs excepted)																														
47. Acute articular rheumatism																														
48. Chronic rheumatism and gout	2															1					1									
49. Scurvy																														
50. Diabetes	13	2				1		1	1			1	1		1			2	2	3	1							6	7	
51. Exophthalmic goitre	2	2									1				1													1	1	
52. Addison's disease	1																	1										1		
53. Leuchæmia	5	1					1	1				1	1		1					1								4	1	
54. Anæmia, chlorosis	8	1												1				3	1	1	1		1					2	6	
55. Other general diseases	2		2					2																					2	
56. Alcoholism (acute or chronic)	10															3	2	1	2	1	1							8	2	
57. Chronic lead poisoning																														
58. Other chronic occupation poisonings																														
59. Other chronic poisonings	1														1														1	
Totals of general diseases	286	34	20	15	7	8	3	53	7	3	7	16	22	20	24	26	16	21	16	21	11	10	6	5	2		155	131		
II. Diseases of the Nervous System and of the Organs of Special Sense.																														
60. Encephalitis	1	1				1		1																				1		
61. Meningitis {	8		3	2	1			6							1				1									5	3	
62. Locomotor ataxia	1															1												1		
63. Other diseases of the spinal cord	2																	1							1			2		
(a) Acute Anterior Poliomyelitis*																														
64. Cerebral hemorrhage, apoplexy	57	2											1	3	5		2	11	7	9	9	1	6	3		36	27			
65. Softening of the brain																														
66. Paralysis without specified cause	4																					1	1	1		1		1	3	
67. General paralysis of the insane	3															1	1				1							2	1	
68. Other forms of mental alienation																														
69. Epilepsy	3		1					1	1						1													1	2	
70. Convulsions (non-puerperal)																														
71. Convulsions of infants	4	1	2	1	1			4																				3	1	
72. Chorea	1																1											1		
73. Neuralgia and Neuritis	2											1										1						1	1	
74. Other diseases of the nervous system	4	1						1							1				1		1							1	3	
75. Diseases of the eyes and their annexa																														
76. Diseases of the ears	5		1	1				2		1	1									1								4	1	
Totals of nervous system, etc.,	95	5	6	5	2	1		14	2	1		1	1	1	6	6	3	3	14	7	12	11	2	6	3		53	42		
III. Diseases of the Circulatory System.																														
77. Pericarditis	3	1							2								1												3	
78. Acute endocarditis	4																1	1					2					1	3	
79. Organic diseases of the heart	144	8							2	4	1	1		3	4	10	9	13	16	16	21	17	9	13	5		96	78		
80. Angina pectoris	8															1	1			3		1	2					6	2	
81. Diseases of the arteries, atheroma, aneurism, etc.	14	1												1	1				2	3	2	1	3	1				8	6	
82. Embolism and thrombosis	7															2	1			1	1	1	1					6	1	

* Deaths under italicized headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

Total Mortality for January, 1911.		Deaths of non-residents.	AGE.																				SEX.							
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
1																														
181	10							4	4	1	1		3	5	14	13	14	17	22	25		21	14	16	7			87	94	
1																														
13																														
8	1																													
41	3	16	3	3			22		1						1		2	2	2	1	3	2	4		1	15	26			
108	7	8	9	3	3		23	2		1		6	6	8	2	9	6	4	9	7	4	4	6	1	5	55	48			
7	1			1			1						1	2	1	1				1							4	3		
2	1	2					2																				1	1		
1																														
176	13	31	14	8	3		56	3	1	1		6	7	10	4	10	9	8	13	11	9	8	13	1	6	89	87			
2							1	1							1													1	1	
4															1	2									1		1	3		
5		2					2													1		1	1				2	3		
23	1	20	3				23																				13	10		
4				1			1								1					1	1						3	1		
9	2						2												1								5	4		
18	5	8					1												4	2		2		1			7	11		
1	1																			1								1		
4																	3				1						3	1		
3																	2				1						2	1		
4																	1		1		2						3	1		
2	1														1	1												2		
1	1														1														1	
77	11	30	7	1			35	3		1		1	3	6	3	4		5	4	5	3	1	2		1	30	38			

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

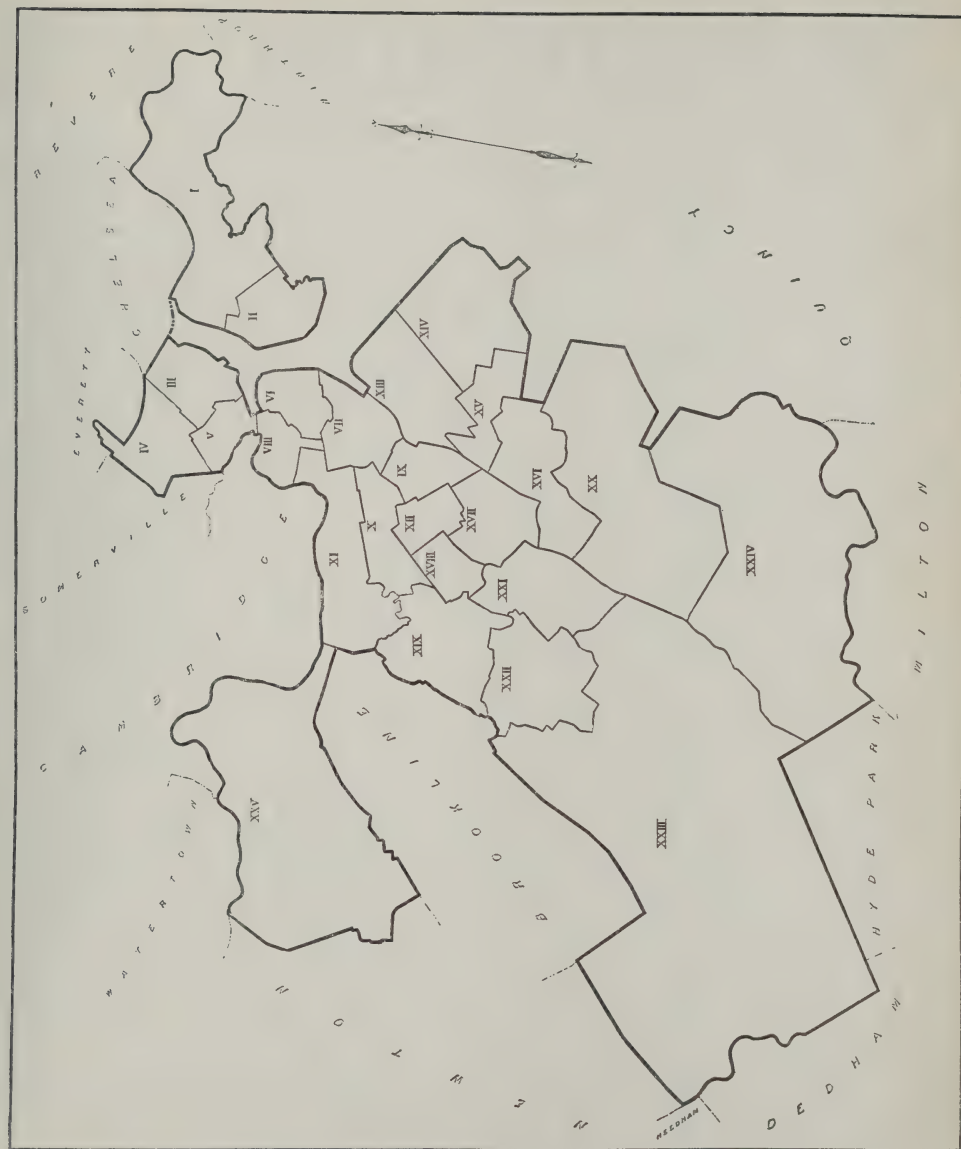
CAUSES OF DEATH.

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MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1911. Deaths of non-residents.	AGE.																				SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 6 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
XI. Diseases of Early Infancy.—Concluded.																													
153. Lack of care																													
Totals of early infancy		53	5	52	1		53																				31	22	
XII. Old Age.																													
154. Senility		5																				2	2		1		5		
XIII. Affections Produced by External Causes.																													
155. Suicide by poison		1							1																		1		
156. Suicide by asphyxia		2	1									1						1									1	1	
157. Suicide by hanging or strangulation		4											1	1	1	1											4		
158. Suicide by drowning		1	1								1																1		
159. Suicide by firearms		1												1													1		
160. Suicide by cutting or piercing instruments		1													1												1		
161. Suicide by jumping from a high place																													
162. Suicide by crushing																													
163. Other suicides																													
164. Poisoning by food																													
165. Other acute poisonings		1	1		1			1																			1		
166. Conflagration																													
167. Burns (conflagration excepted)		6	2		3			3				2				1											4	2	
168. Absorption of deleterious gases (conflagration excepted)		4	1				1	1			1			1	1												4		
169. Accidental drowning		1														1											1		
170. Traumatism by firearms																													
171. Traumatism by cutting or piercing instruments																													
172. Traumatism by fall		12	2							3		2		1	1				2	1		1		1		1	10	2	
173. Traumatism in mines and quarries																													
174. Traumatism by machines																													
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)		18	6				1	1	1	1		3	2	1	2	1	3	1	2								18		
176. Injuries by animals																													
177. Starvation																													
178. Excessive cold																													
179. Effects of heat																													
180. Lightning																													
181. Electricity (lightning excepted)																													
182. Homicide by firearms		2										1									1						2		
183. Homicide by cutting or piercing instruments																													
184. Homicide by other means																													
185. Fractures (cause not specified)		1	1												1												1		
186. Other external violence		3	1								1								2								2	1	
Totals of affections by external causes,		58	16		4		2	6	1	1	5	6	6	2	6	6	4	2	3	1	1	1	1		1		51	7	
XIV. Ill-defined Diseases.																													
187. Ill-defined organic disease																													
188. Sudden death		1																1									1		
189. Cause of death not specified or ill-defined		3	1	3				3																			1	2	
Totals of ill-defined diseases		4	1	3				3										1									2	2	
Totals from all causes,		1067	147	163	43	19	12	6	243	21	9	13	29	41	48	62	67	61	61	78	83	75	63	40	40	15	9	564	543

BOSTON WARD MAP.



CASES REPORTED.

Month ending January 31, 1911.

WARDS.	Anterior Polyomyelitis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Laryngeal).	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.
1						13					1	1		7					8				1	
2						11					1			4					20	2			6	
3						4						3		1					9	2		12	3	
4						6					1	2							11	1		1	13	
5						4						1							7	1			6	
6						13					34	2	5	10					25	4		11	6	
7						5					21	9	1	1			2		13			3	3	
8					1	12					85	3	7	8					18			5	3	
9						7					6	3	1	2					20			4	9	
10						3					2	3		2					9	1		4	6	
11						4					1	1	2	4					3			2	1	
12						8					9	2	2	9					6			1	3	
13						13					1		2	3					16			2	5	
14					1	11					6		2	8					14	1		4	20	
15						10					6			2					7				5	
16					1	6						2	1	3					7			3	10	
17						5					4			13		1			12			1	17	
18						5					1		1	10					9			7	5	
19	1					7					9		1	22					10	2		2	22	
20						24					45	5	2	14					19			7	17	
21						8					4		2	2					7			9	6	
22						8					4	1	1	5					7			2	7	
23					2	9					5	2		10					9	1		15	10	
24						14					46	2		17					15	1		11	10	
25						13					1			11					8			1	8	
Total.	1				5	223					293	42	30	168		1	2		289	17		107	202	
Unknown.						1					1	1	2	8					1	1				
Non-residents.						10							3	15					23	1			2	
Grand Total.	1				5	234					294	43	33	180		1	2		313	19		107	204	
Corresponding month last year	2				11	240					424		12	250	1				278	21		125		

NOTE.—No cases were reported at quarantine in January, 1911 or in January, 1910.

DEATHS REPORTED.

Month ending January 31, 1911.

WARDS.	TOTAL DEATHS FROM ALL CAUSES.	Anterior Polymyositis.	Arthrogryposis.	Asiatic Cholera.	Bubonic Plague.	Cerebro spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Laryngeal).	Other tubercular diseases.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.	Diarrhea and Enteritis (under 2 years).	Diarrhea and Enteritis (2 years and over).	Pneumonia.	Broncho Pneumonia.
1	34																			3					1			1	5	6
2	44						1					1			1					5					1		1		8	
3	26																			7					1		1		3	1
4	23																			2					1		1	1	1	
5	15																			2	1								3	
6	61						3					3								4	5								9	6
7	29					1	1					1								1	1						2		4	
8	42					1														3							1		6	1
9	53														1					11									6	2
10	31																			3	2						1	1	2	
11	35																			1	1						1		2	
12	33																			3	1						2		3	1
13	43						1					1								7	2								4	3
14	34																			3	2				2				3	1
15	32																			4					2				2	2
16	34												1							4									1	1
17	48						1					1		2		1				5	1			1			1		4	
18	34																			3							1		3	
19	29						1													1	2								3	2
20	90						2								1					6							8		4	4
21	44																			1		1					1		6	1
22	31																			4					1		1		3	
23	29																			4	1						1		4	4
24	36																			3	1								3	1
25	29																			2							1		4	1
Total.	939					2	10					6	2		5	1				92	20	1		10		23	4	96	38	
Unknown.	11																			2										
Non-residents.	117						2								2					7	1								7	3
Grand Total.	1067					2	12					6	2		7	1				101	20	2		10		23	4	103	41	
Corresponding month last year	1065					7	17				1	7			4					100	18	2		3		11	7	117	44	

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Date of death.	Additional deaths. Deaths of non-residents.	AGE.																SEX.					
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	Color.	Condition.	Nativity.	Nativity of Mother.	Males.	Females.
			1910																					
172. Traumatism by fall	July	1															1	White	Married	Unknown	Unknown		1	
151. Congenital debility, etc. . . .	Nov.	1	1					1										White	Single	U. S.	U. S.		1	
169. Accidental drowning	Nov.	1															1	White	Married	Ireland	Ireland		1	
155. Suicide by poison	Dec.	1															1	White	Unknown	Unknown	Unknown		1	
172. Traumatism by fall	Dec.	1										1						White	Unknown	Unknown	Unknown		1	
184. Homicide by other means . . .	Dec.	1										1						White	Unknown	Unknown	Unknown			1
189. Cause of death not specified or ill-defined	Dec.	1															1	White	Unknown	Unknown	Unknown			1

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	826	Cattle Condemed, 12 . . .	4,128 lbs.
Calves "	568	Calves " 6 . . .	221 "
Sheep "	13	Sheep " — . . .	— "
Hogs "	3,350	Hogs " 3 . . .	349 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	718
" "	" " Wagons	483
" "	" brought in by Citizens . . .	52
" "	" for bacteriological examination, 569	
" "	Vinegar	49
" "	Butter and Cheese	347
Total Samples,		2,218

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immature)	140 lbs.
Poultry (tainted)	4 "
Beef "	5 "
Pork "	213 "
Bear meat "	40 "

MISCELLANEOUS.

Fruit	11 bush.
Eggs	34 lbs.

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	140	GONORRHOEA:	Positive	40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of January, 1911, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.54	34	84	S.W.	.01	Mean Barometer, 30.11.
2	30.11	53	96	S.W.	.21	Highest Barometer, 30.65 on the 24th.
3	29.89	49	97	S.W.	.21	Lowest Barometer, 29.13 on the 30th.
4	30.13	29	56	N.W.	.08	Monthly Range of Barometer, 1.52.
5	30.16	22	60	W.	0	Mean Temperature, 31.8°.
6	30.32	25	76	W.	0	Highest Temperature, 60° on the 2d.
7	30.12	36	73	N.W.	.01	Lowest Temperature, 4° on the 16th.
8	29.98	38	74	S.W.	.02	Monthly Range of Temperature, 56°.
9	29.62	36	67	W.	.10	Greatest Daily Range of Temperature, 30° on the 30th.
10	30.24	35	46	N.W.	0	Least Daily Range of Temperature, 5° on the 14th.
11	30.05	40	48	S.W.	.12	Mean Daily Range of Temperature, 15.5°.
12	30.30	38	74	N.E.	*T	Mean Daily Dew-point, 22.8°.
13	30.34	34	90	N.	.02	Mean Daily Relative Humidity, 70.4.
14	30.02	36	100	N.	.08	Prevailing Direction of Wind, West.
15	29.89	29	88	N.W.	*T	Total Movement of Wind, 8,164 miles.
16	30.20	12	46	N.W.	0	Highest Velocity of Wind and Direction,—46 miles from N.W. on the 28th.
17	30.34	16	41	W.	0	Number of Foggy Days, 4.
18	30.52	14	60	N.W.	0	Number of Fair Days, 6.
19	30.06	28	68	S.W.	*T	Number of Clear Days, 8.
20	30.17	33	74	W.	0	Number of Cloudy Days, 17.
21	29.73	40	83	S.W.	*T	Total Number of Days on which Rain or Snow fell, 15.
22	30.24	32	53	N. & N.W.	0	Depth of Unmelted Snow on ground at end of month, none.
23	30.52	26	86	N.	.01	Dates of Auroras, none.
24	30.54	32	58	W.	0	Dates of Lunar Halos, 10.
25	30.48	38	56	W.	0	Dates of Solar Halos, 6, 19.
26	30.36	32	94	N.	.09	Thunder Storms, none.
27	29.99	32	95	W. & E.	.61	Dates of Frosts, —
28	29.86	36	68	N.W.	.06	Mean Maximum Temperature, 39.6.
29	29.96	32	66	S.W.	.05	Mean Minimum Temperature, 24.0.
30	29.31	31	66	W.	0	MEAN TEMPERATURE for this month in
31	29.98	18	38	W.	0	Total Precipitation for this Month in inches
TOTALS					2.28	
MEANS	30.13	31.8	70.4	W.	0.07	
						1871 0.92
						1872 2.11
						1873 5.76
						1874 4.32
						1875 3.68
						1876 1.87
						1877 3.33
						1878 7.60
						1879 2.79
						1880 3.72
						1881 7.21
						1882 3.68
						1883 3.59
						1884 6.27
						1885 5.33
						1886 7.08
						1887 4.86
						1888 2.26
						1889 4.11
						1890 2.00
						1891 4.39
						1892 4.62
						1893 2.56
						1894 3.01
						1895 3.79
						1896 2.25
						1897 3.16
						1898 3.50
						1899 4.19
						1900 4.20
						1901 1.56
						1902 1.65
						1903 3.43
						1904 4.80
						1905 4.09
						1906 2.96
						1907 2.54
						1908 2.47
						1909 3.94
						1910 4.25
						1911 2.28

Average mean temperature for 41 years, 28°.

Average monthly precipitation for 41 years, 3.71 inches.

*T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of February, 1911.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D., P. L.

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of February, 1911	1,024
Population estimated at 688,912	Rate per 1,000 inhabitants, 19.38
Deaths of non-residents, 104	*Corrected rate per 1,000 inhabitants, 17.41

Total number 1,024

SEX.

Males 525
Females 499

CONDITION.

Single 460
Married 340
Widowed 207
Divorced 9
Unknown 8

COLOR.

White 992
Black (Negro or mixed) 31
Chinese 1

Total deaths of children, { Under 1 year 175
Under 2 years 219
Under 5 years 259

NATIVITY.

United States 610
Ireland 216
England and Wales 29
Scotland 7
Germany 18
Canada 66
Italy 18
Russia and Poland 27
Sweden and Norway 12
France 1
Other Countries 11
Unknown 9

NATIVITY OF MOTHERS.

United States 280
Ireland 367
England and Wales 28
Scotland 17
Germany 23
Canada 87
Italy 58
Russia and Poland 60
Sweden and Norway 18
France 2
Other Countries 16
Unknown 68
Still-births during the month 56

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for February, 1911. Deaths of non-residents.		AGE.																				SEX.						
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
General Diseases.																													
1. Typhoid fever	3								1		2																	3	
2. Typhus fever																													
3. Relapsing fever																													
4. Intermittent fever and malarial cachexia (a) Malarial cachexia*																													
5. Smallpox																													
6. Measles	4	3			1		4																					4	
7. Scarlet fever	12	2		2	3	1	3	9	2		1																9	3	
8. Whooping cough	17		8	8			1	17																			8	9	
9. Diphtheria and croup	11	3	1	2	1	1		5	3		1				1												7	4	
10. Influenza	11											2		2		1		1	1	3	1						5	6	
11. Miliary fever																													
12. Asiatic cholera																													
13. Cholera nostras																													
14. Dysentery																													
15. Plague																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	4		1				1										1		1	1							4		
19. Other epidemic diseases																													
20. Purulent infection and septicemia																													
21. Glanders																													
22. Anthrax																													
23. Rabies																													
24. Tetanus	1	1										1															1		
25. Mycoses																													
26. Pellagra																													
27. Beriberi																													
28. Tuberculosis of the lungs	62	7	3		1		4	1		4	10	10	14	11	12	5	7	2	6	4	1	1					50	42	
29. Acute miliary tuberculosis	2			1			1	1																			1	1	
30. Tuberculous meningitis	14	2	6	3	1	3		13				1															8	6	
31. Abdominal tuberculosis	3	1						1		1				1													3		
32. Pott's disease																													
33. White swelling																													
34. Tuberculosis of other organs	3	1	1				1				1					1											2	1	
35. Disseminated tuberculosis																													
36. Rickets																													
37. Syphilis	6		2				1	3							1	1	1										4	2	
38. Gonococcus infection																													
39. Cancer and other malignant tumors of the buccal cavity	1															1											1		
40. Cancer and other malignant tumors of the stomach, liver	17	1										1	1	1	1	1	5	1	3	1		1				8	9		
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	5	1														2	1			2						3	2		
42. Cancer and other malignant tumors of the female genital organs	15	3												2		2	5	2	2		2						15		
43. Cancer and other malignant tumors of the breast	5	1																1	2	1				1			5		
44. Cancer and other malignant tumors of the skin																													
45. Cancer and other malignant tumors of other organs and of organs not specified	12	3	1			1		2				1		1		1		1		2	3	1					8		

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for February, 1911. Deaths of non-residents.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
46. Other tumors (tumors of the female genital organs excepted)																												
47. Acute articular rheumatism	4						1			1	1			1												4		
48. Chronic rheumatism and gout	2															1		1								1		
49. Scurvy																												
50. Diabetes	20	4					1	1		3		1			4	2	2		2	3		1				13	7	
51. Exophthalmic goitre																												
52. Addison's disease																												
53. Leuchæmia	2	1								1				1												1	1	
54. Anæmia, chlorosis	4	1				1		1						1	1											3	1	
55. Other general diseases	1		1			1																				1		
56. Alcoholism (acute or chronic)	11	2								1	2		1	2	2	1	1	1								6	5	
57. Chronic lead poisoning																												
58. Other chronic occupation poisonings																												
59. Other chronic poisonings																												
Totals of general diseases	282	33	28	16	6	7	5	62	8	4	9	13	23	18	19	18	19	24	14	18	15	9	6	1	1	1	150	132
II. Diseases of the Nervous System and of the Organs of Special Sense.																												
60. Encephalitis	1	1						1																		1		
61. Meningitis {	5		1	1		1		3	1				1													3	2	
	3		1				1		1		1															1	2	
62. Locomotor ataxia	4														3				1							2	2	
63. Other diseases of the spinal cord	4	1												1			3									1	3	
(a) Acute Anterior Poliomyelitis*																												
64. Cerebral hemorrhage, apoplexy	32	6								2		1		5	2	2	5	4	3	4	2	2				17	15	
65. Softening of the brain																												
66. Paralysis without specified cause	3		1				1									1		1								1	2	
67. General paralysis of the insane	3											1				2											3	
68. Other forms of mental alienation	3															1			1		1					2	1	
69. Epilepsy	1															1											1	
70. Convulsions (non-puerperal)																												
71. Convulsions of infants	2	1	2				2																				2	
72. Chorea																												
73. Neuralgia and Neuritis	1												1														1	
74. Other diseases of the nervous system	1																	1									1	
75. Diseases of the eyes and their annexa																												
76. Diseases of the ears	4		1	2			3						1														1	3
Totals of nervous system, etc.,	67	9	6	3	1	10	1	2	1	2	3	2	6	10	2	7	8	3	6	2	2					30	37	
III. Diseases of the Circulatory System.																												
77. Pericarditis	1	1					1																				1	
78. Acute endocarditis	5								2									2	1							1	4	
79. Organic diseases of the heart	130	7	1			1	2	1	3	2	4	7	3	7	10	5	11	10	14	19	13	9	3	6	59	71		
80. Angina pectoris	2	1																	1	1						1	1	
81. Diseases of the arteries, atheroma, aneurism, etc.	8														2				3	1	1		1		1	6	2	
82. Embolism and thrombosis	3	1															1		1								3	

* Deaths under italicized headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.

Total Mortality for
February, 1911.
Deaths outside,
non-residents.

Under 1 year.
1 year and
under 2 years.
2 years and
under 3 years.
3 years and
under 4 years.
4 years and
under 5 years.
Total under 5
years.
5 years and
under 6 years.
6 years and
under 10 years.
10 years and
under 15 years.
15 years and
under 20 years.
20 years and
under 25 years.
25 years and
under 30 years.
30 years and
under 35 years.
35 years and
under 40 years.
40 years and
under 45 years.
45 years and
under 50 years.
50 years and
under 55 years.
55 years and
under 60 years.
60 years and
under 65 years.
65 years and
under 70 years.
70 years and
under 75 years.
75 years and
under 80 years.
80 years and
under 85 years.
85 years and
under 90 years.
90 years and
over.

SEX.
Males.
Females.

III. Diseases of the Circulatory System.—Concluded.

83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)
84. Diseases of the lymphatic system (lymphangitis, etc.)
85. Hemorrhage; other diseases of the circulatory system
Totals of circulatory system

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* Deaths under italicized headings are included in those of the main heading.

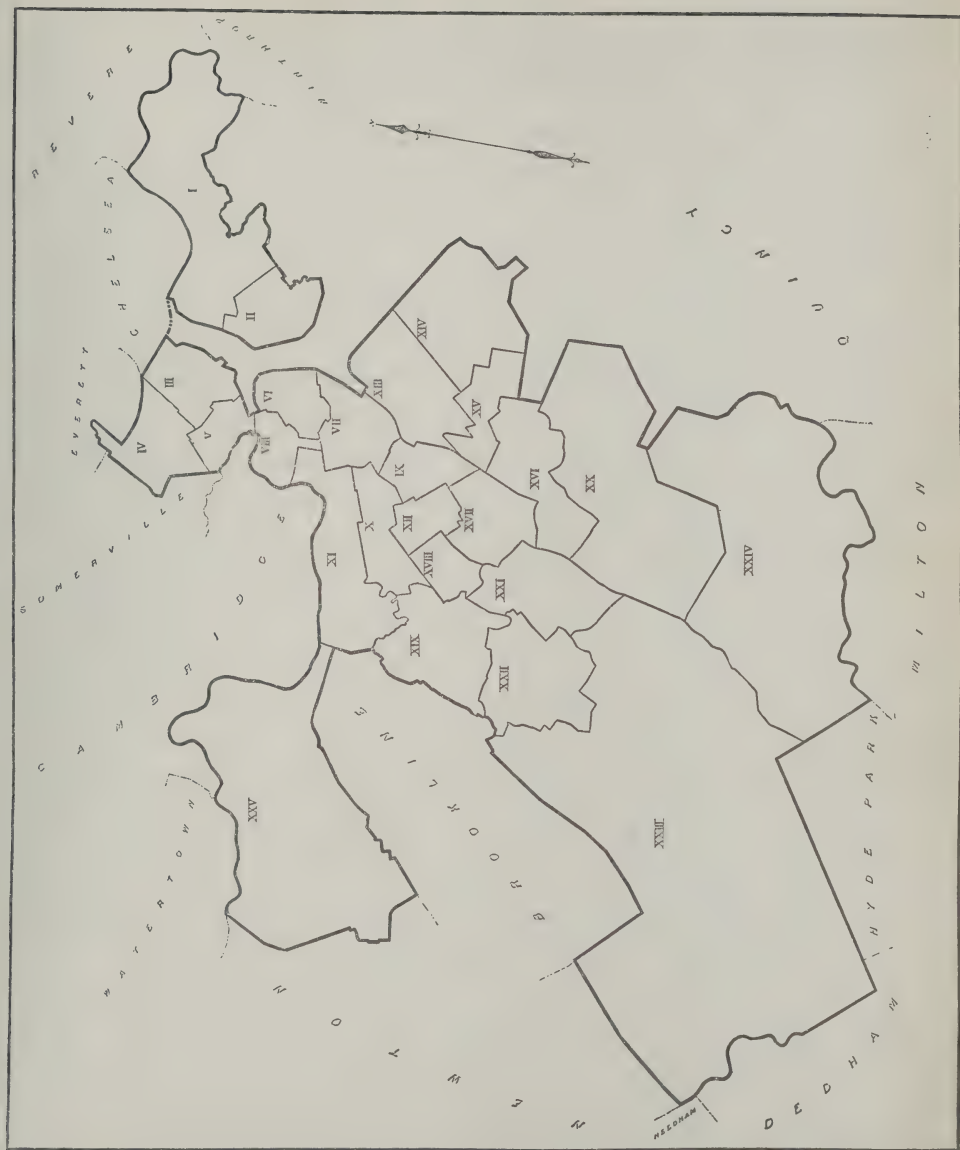
MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1911.	Deaths of non-residents.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
XI. Diseases of Early Infancy.—Concluded.																														
153. Lack of care																														
Totals of early infancy	54	4	54						54																				26	28
XII. Old Age.																														
154. Senility																														
XIII. Affections Produced by External Causes.																														
155. Suicide by poison	2	1												2															1	1
156. Suicide by asphyxia	1																1												1	
157. Suicide by hanging or strangulation																														
158. Suicide by drowning																														
159. Suicide by firearms																														
160. Suicide by cutting or piercing instruments	1																		1										1	
161. Suicide by jumping from a high place																														
162. Suicide by crushing																														
163. Other suicides																														
164. Poisoning by food																														
165. Other acute poisonings	1							1	1																				1	
166. Conflagration	1																													
167. Burns (conflagration excepted)	12		2	1	2	2	1	8				1				1		1				1						2	10	
168. Absorption of deleterious gases (conflagration excepted)	3	2									1	1	1		1	1		1	1	1				1				6	3	
169. Accidental drowning	3	1												1		1		1										3		
170. Traumatism by firearms	2	1													1		1											2		
171. Traumatism by cutting or piercing instruments	1																1											1		
172. Traumatism by fall	8	1					1	1				2	1					1		1	1			1				6	2	
173. Traumatism in mines and quarries																														
174. Traumatism by machines	2													1														2		
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)	17	5									1	1	1	2		8	2	1	2	3		1						17		
176. Injuries by animals																														
177. Starvation																														
178. Excessive cold																														
179. Effects of heat																														
180. Lightning																														
181. Electricity (lightning excepted)																														
182. Homicide by firearms																														
183. Homicide by cutting or piercing instruments																														
184. Homicide by other means																														
185. Fractures (cause not specified)	2													1			1												1	1
186. Other external violence	6		1	1				1	3				1	1					1										3	3
Totals of affections by external causes,	68	11	3	2	2	3	3	13		1	2	6	5	6	2	6	4	7	3	7	1	1	2	2				46	22	
XIV. Ill-defined Diseases.																														
187. Ill-defined organic disease	1		1						1																				1	
188. Sudden death	2																			1	1							2		
189. Cause of death not specified or ill-defined	5	1	2						2								1	1		1								4	1	
Totals of ill-defined diseases	8	1	3						3								1	1	1	2								7	1	
Totals from all causes,	1024	104	175	44	15	13	12	259	16	10	13	38	47	46	47	56	58	75	45	68	71	65	45	31	18	12	525	499		

BOSTON WARD MAP.



CASES REPORTED.

Month ending February 28, 1911.

WARDS.	Anterior Polymyositis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Laryngeal).	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.
1					15						1	2	3	7					11	3		1	2	
2					2						2	1	1	9					10			4	1	
3					3						5			1					5	1		4	14	
4					5								3	2					3			2	4	
5					1						9		1	1					3	1			5	
6					10						22	1	12	7					18			1	4	
7				1	3						6	8	6	4					20	1		2	2	
8				1	16						60		15	8					16			3	2	
9					3						9	4	10	9					15	1		2	17	
10					3						1	1	1						12			9	1	
11											4		3	2					4			3	2	
12					4						8	1	2	10		1			6	2			4	
13					11						7		3	3					17	2		1	6	
14				1	6						8	2	4	7					9	1		1	10	
15					9						4	1	5	4					9			1	2	
16					7						5		6	5					6				7	
17					3						6	1	2	1					12	1			15	
18					9						6		1	4					13	1			5	
19					3						14	5	4	15					5			2	19	
20				1	10						46	3	5	15					11	1		11	20	
21					5						2	2	2	4					7	1		1	8	
22				1	9						13		5	6					7			1	1	
23				1	7						8		1	1					3			5	3	
24					2						101	3		9					3			22	24	
25				1	18						1	1		1					15	1			6	
Total.				7	164						348	36	95	135		1			240	17		76	184	
Unknown.											2								7					
Non-residents.					11						1		4	22		1	1		12					
Grand Total.				7	175						351	36	99	157		1	2		259	17		76	184	
Corresponding month last year					7	250					313			145					236	28		82		

NOTE.—Also one case of measles at quarantine. No cases at quarantine last year.

DEATHS REPORTED.

Month ending February 28, 1911.

WARDS.	TOTAL DEATHS FROM ALL CAUSES.	Anterior Polymyelitis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Laryngeal).	Other tubercular deaths.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.	Diarrhea and Enteritis (under 2 years).	Diarrhea and Enteritis (2 years and over).	Pneumonia.	Pneumonia, Broncho.
1	31					1									1					6	1								4	2
2	54														1					6	1						1		7	1
3	18																			4				1					3	1
4	14																			2										2
5	16																			1				2				1	3	
6	49					2						2			1					2	1			1					13	7
7	35					1	1					1								2	1								4	4
8	39														1					1						1		7	4	
9	47																			5	3	1		2		1		7	1	
10	36																			4								7	2	
11	26																			2						1		1	1	
12	40																			3	1							7	4	
13	57																			7	1					3		5	5	
14	35																			4	1			1		1		4	1	
15	27											1								4				1				3	1	
16	32																			2	1					3		2	2	
17	46																			5	1			1				5	1	
18	40														2					2								3	4	
19	38														2					3	1			2				8	2	
20	64																			5	1			2		2		6	5	
21	47						1													4	1			1		1		2	2	
22	29						1								1					2	2			1				3		
23	22						3								1					1		1						2	1	
24	52																			4	1			1				8	2	
25	21						1													2	1			1				3	1	
Total,	915					3	8					4			10					83	18	3		17		14	1	117	70	
Unknown,	5																			2										
Non-residents,	104						3								2		1			7	4								10	
Grand Total,	1024					3	11					4			12		1			92	22	3		17		14	1	127	70	
Corresponding month last year	1019					5	18					11			7					104	12	3		2		20	6	29	118	

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Ward	Residence.	AGE.																	SEX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			Date of death.	Additional deaths.	Deaths of non-residents.															Color.	Condition.	Nativity.	Nativity of Mother.	Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
						Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.							45 years and under 50 years.	50 years and under 55 years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
158. Suicide by drowning	9	Jan.	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

LIVE STOCK INSPECTED.— BRIGHTON ABATTOIR.

Cattle inspected	153	Cattle Condemned, 1 and Parts, . . .	610 lbs.
Calves "	696	Calves " 44	1,707 "
Sheep "	—	Sheep " —	— "
Hogs "	1,753	Hogs " 1 and Parts, 886 "	

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.			
Samples examined	Milk from Stores		601
" "	" " Wagons		437
" "	" brought in by Citizens		36
" "	" for bacteriological examination,		544
" "	Vinegar		75
" "	Butter and Cheese		159
Total Samples,			1,852

INSPECTION OF PROVISIONS.— ARTICLES CONDEMNED.

MEATS.		MISCELLANEOUS.	
Veal (Immature)	151 lbs.	Clams	87 bush.
Mutton (tainted)	15 "	Eggs frozen, canned, 140 lbs.	
Beef "	10 "		
Pork "	150 "		

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	97	GONORRHOEA:	Positive	29
	Positive for release	44		Negative	51
	Negative for diagnosis	673		Unsatisfactory	0 80
	Negative for release	194	GONORRHOEAL OPHTHALMIA:	Positive	5
TUBERCULOSIS:	"No growth" cultures	17 1,225		Negative	36
	Positive	73		Unsatisfactory	0 41
	Negative	377	Other examinations:*	Positive	10
	Unsatisfactory	1 451		Negative	30
TYPHOID:	Positive	6		Unsatisfactory	0 41
	Negative	71	BACTERIOLOGICAL MILK EXAMINATIONS		544
	Atypical	0 77		Total	2,482
GLANDERS:	Positive	9	SPECIAL WORK:	Examined cow feces for T.B.; Milk sediments for T.B.; Disinfection work; Special urines for tubercle bacilli; Three samples eggs for bacterial content.	
	Negative	9			
	Unsatisfactory	5 23			

*Malaria, G-U T. B., Spermatozoa, Anthrax, Organisms, Pneumococci, K-L Vir., Influenza, Streptococci, Rabies.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of February, 1911, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.32	30	40	N.W.	0	Mean Barometer, 30.09.
2	29.98	22	86	N.	.37	Highest Barometer, 30.56 on the 16th.
3	30.37	16	91	N.	.05	Lowest Barometer, 29.58 on the 24th.
4	29.74	35	88	W.	.94	Monthly Range of Barometer, 0.98.
5	30.14	27	56	W.	0	Mean Temperature, 27.0°.
6	30.50	14	70	N.	*T	Highest Temperature, 56° on the 26th.
7	30.26	23	90	N.	.71	Lowest Temperature, 4° on the 8th.
8	30.29	23	92	N.	.12	Monthly Range of Temperature,
9	30.06	30	97	E.	0	Greatest Daily Range of Temperature, 30° on the 4th and 16th.
10	29.88	33	73	N.W.	*T	Least Daily Range of Temperature, 4° on the 13th.
11	30.26	30	68	W.	*T	Mean Daily Range of Temperature, 14.9°.
12	30.10	30	80	S.W.	.01	Mean Daily Dew-point, 17.5°.
13	30.16	26	94	N.	.02	Mean Daily Relative Humidity, 69.0.
14	30.23	24	84	N.	.14	Prevailing Direction of Wind, Northwest.
15	30.50	14	58	N.	*T	Total Movement of Wind, 7,856 miles.
16	30.56	26	50	W.	0	Highest Velocity of Wind and Direction,—39 miles from W. on the 27th.
17	30.16	34	69	S.W.	.20	Number of Foggy Days, none.
18	29.54	40	60	N.W.	0	Number of Fair Days, 5.
19	30.05	25	52	N.W.	0	Number of Clear Days, 9.
20	29.88	30	82	N.W.	.29	Number of Cloudy Days, 14.
21	30.03	20	59	N.W.	0	Total Number of Days on which Rain or Snow fell, 10.
22	29.82	24	78	W.	*T	Depth of Unmelted Snow on ground at end of month, none.
23	29.90	23	68	W., S.W., N.W.	0	Dates of Auroras, none.
24	29.64	34	44	N.W.	*T	Dates of Lunar Halos, none.
25	29.92	38	50	W.	0	Dates of Solar Halos, none.
26	29.98	46	69	S.W.	0	Dates of Frosts, —
27	30.03	38	52	W.	0	Mean Maximum Temperature, 34.4.
28	30.20	20	40	N.W.	0	Mean Minimum Temperature, 19.5.
29	—	—	—	—	—	MEAN TEMPERATURE for this month in
30	—	—	—	—	—	Total Precipitation for this Month in inches
31	—	—	—	—	—	
TOTALS.....					2.85	
MEANS.....	30.10	27.0	68.9	N. W.	0.10	
						1871 2.9
						1872 2.8
						1873 2.6
						1874 2.7
						1875 2.2
						1876 2.7
						1877 3.4
						1878 3.1
						1879 2.5
						1880 3.2
						1881 2.8
						1882 3.0
						1883 2.9
						1884 3.1
						1885 2.1
						1886 2.7
						1887 2.9
						1888 2.8
						1889 2.6
						1890 3.3
						1891 3.2
						1892 2.8
						1893 2.7
						1894 2.7
						1895 2.5
						1896 2.9
						1897 3.1
						1898 3.3
						1899 2.7
						1900 2.9
						1901 2.4
						1902 2.9
						1903 3.1
						1904 2.3
						1905 2.3
						1906 3.0
						1907 2.2
						1908 2.7
						1909 3.3
						1910 2.9
						1911 2.7

Average mean temperature for 41 years, 28°.

Average monthly precipitation for 41 years, 3.44 inches.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



1891

Statement of Deaths for the month of March, 1911.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of March, 1911	1,144
Population estimated at 688,912	Rate per 1,000 inhabitants, 19.55
Deaths of non-residents, 143	*Corrected rate per 1,000 inhabitants, 17.11

Total number 1,144

SEX.

Males	574
Females	570

CONDITION.

Single	527
Married	388
Widowed	212
Divorced	6
Unknown	11

COLOR.

White	1,099
Black (Negro or mixed)	43
Chinese	2

Total deaths of children,	Under 1 year	196
	Under 2 years	238
	Under 5 years	283

NATIVITY.

United States	714
Ireland	179
England and Wales	36
Scotland	6
Germany	29
Canada	72
Italy	29
Russia and Poland	35
Sweden and Norway	11
France	—
Other Countries	19
Unknown	14

NATIVITY OF MOTHERS.

United States	337
Ireland	338
England and Wales	47
Scotland	15
Germany	39
Canada	104
Italy	79
Russia and Poland	60
Sweden and Norway	12
France	—
Other Countries	25
Unknown	88
Still-births during the month	70

*Non-residents not included

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for March, 1911	Deaths of non residents.	AGE.																								SEX.				
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
General Diseases.																															
1. Typhoid fever	6	2										3	1	2															8	3	
2. Typhus fever																															
3. Relapsing fever																															
4. Malaria																															
(a) Malarial cachexia*																															
5. Smallpox																															
6. Measles	2		2					2																					2		
7. Scarlet fever	17	7		1	3	4	2	10	6	1																			9	8	
8. Whooping cough	13		8	4	1			13																					4	9	
9. Diphtheria and croup	29	3	1	6	5	1		13	4	1	1		1																9	11	
10. Influenza	12	3	1					1							1	2	1	2		2	2				1				6	6	
11. Miliary fever																															
12. Asiatic cholera																															
13. Cholera nostras																															
14. Dysentery																															
15. Plague																															
16. Yellow fever																															
17. Leprosy																															
18. Erysipelas	11	5						5		1					1		2	1				1							8	3	
19. Other epidemic diseases																															
20. Purulent infection and septicemia	1	1						1																					1		
21. Glanders																															
22. Anthrax																															
23. Rabies																															
24. Tetanus	1	1						1																					1		
25. Mycoses																															
26. Pellagra																															
27. Beriberi																															
28. Tuberculosis of the lungs	112	8	3	1				4			6	10	16	18	13	16	8	6	6	5	3	1							68	50	
29. Acute miliary tuberculosis	2	1			1			1			1																				
30. Tuberculous meningitis	9	2	2	2	1	3		8		1																			4	5	
31. Abdominal tuberculosis	4					2	1	3	1																				2	2	
32. Pott's disease	2					2		2																					2		
33. White swelling	1	1									1																			1	
34. Tuberculosis of other organs	2	1										1				1													1	1	
35. Disseminated tuberculosis																															
36. Rickets																															
37. Syphilis	4		3	1				4																						1	3
38. Gonococcus infection	3		3					3																						2	1
39. Cancer and other malignant tumors of the buccal cavity	2																		1			1							1	1	
40. Cancer and other malignant tumors of the stomach, liver	28	4										1	2	2	1	2	5	6	4	3	1	1							10	18	
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	9	3													1		2			3	1	2							4	5	
42. Cancer and other malignant tumors of the female genital organs	9	2												1	1	1		4			1			1						9	
43. Cancer and other malignant tumors of the breast	7											1									1	1	1							7	
44. Cancer and other malignant tumors of the skin																															
45. Cancer and other malignant tumors of other organs and of organs not specified	11	2				1		1						1		2	2	1		3		1									

* Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Monthly for March, 1911. Deaths of non-residents.	AGE.																											SEX.			
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.					
I. General Diseases.—Concluded.																																
46. Other tumors (tumors of the female genital organs excepted)																																
47. Acute articular rheumatism		5	1					1	1					1				1	1											3	2	
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes		11	2							1	1	1							1	2	1	2		1	1					2	9	
51. Exophthalmic goitre		1																1												1		
52. Addison's disease																																
53. Leuchæmia		1																1												1		
54. Anæmia, chlorosis		7													1				1	1	1		2	1						2	5	
55. Other general diseases		2												1	1															1	1	
56. Alcoholism (acute or chronic)		16	1												1				8	2	3	2								13	3	
57. Chronic lead poisoning																																
58. Other chronic occupation poisonings																																
59. Other chronic poisonings		1																1												1		
Totals of general diseases		332	42	29	17	11	13	8	73	13	4	11	13	22	25	19	27	27	23	25	19	13	10	5	3					162	170	
II. Diseases of the Nervous System and of the Organs of Special Sense.																																
60. Encephalitis		2																1		1										1	1	
61. Meningitis {	1. Simple meningitis	8	2	1					3	1	2	1		1																6	2	
		2. Cerebro-spinal meningitis (undefined)	3					1	1						1					1										1	2	
			3. Cerebro-spinal fever	1									1																		1	
62. Locomotor ataxia		1																1													1	
63. Other diseases of the spinal cord		4													1				2		1									3	1	
(a) Acute Anterior Poliomyelitis*																																
64. Cerebral hemorrhage, apoplexy		48	4	3					3						2	2	4	4	4	6	4	7	4	4	1	3				16	32	
65. Softening of the brain		1																			1										1	
66. Paralysis without specified cause		4																		1					3					1	3	
67. General paralysis of the insane		5	2														1	1			1			1	1					2	3	
68. Other forms of mental alienation		1																								1					1	
69. Epilepsy																																
70. Convulsions (non-puerperal)																																
71. Convulsions of infants		4	3			1		4																						3	1	
72. Chorea																																
73. Neuralgia and Neuritis		1													1																1	
74. Other diseases of the nervous system		5	1	2				2	1					1	1															3	2	
75. Diseases of the eyes and their annexa																																
76. Diseases of the ears		3	1											1	1							1								2	1	
Totals of nervous system, etc.,		91	8	10	1		1	1	13	2	3	1		4	2	4	3	7	6	6	9	6	7	5	9	1	3			40	51	
III. Diseases of the Circulatory System.																																
77. Pericarditis		1																					1							1		
78. Acute endocarditis		4	1											1	1					1				1						5	1	
79. Organic diseases of the heart		129	16	1		1		1	3			5	4	2	2	4	1	5	8	11	9	16	15	17	14	12		1		48	81	
80. Angina pectoris		3	1																		1	1	1								3	
81. Diseases of the arteries, atheroma, aneurism, etc.		25	1											1						2		1	5	5	8	1	2			13	12	
82. Embolism and thrombosis		5													1						1		1	1			1			1	4	

* Deaths under italicised headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1911	Deaths of non-residents	AGE.																										SEX.		
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
III. Diseases of the Circulatory System.—Concluded.																															
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	1	1																1											1		
84. Diseases of the lymphatic system (lymphangitis, etc.)	6	1	3		1			4	1		1																		5	1	
85. Hemorrhage; other diseases of the circulatory system.	1																									1			1		
Totals of circulatory system	175	21	4		2			1	7	1	5	5	3	8	6	1	5	8	12	14	17	18	23	21	20	3	3	78	99		
IV. Diseases of the Respiratory System.																															
86. Diseases of the nasal fossae																															
87. Diseases of the larynx	1	1													1															1	
88. Diseases of the thyroid body																															
89. Acute bronchitis	13	1	8					8							2				1			1	1					5	8		
90. Chronic bronchitis	3																					1	1	1				2	1		
91. Broncho-pneumonia	51	7	21	8	2	1	1	33			1			2			1		3		3	4		4				33	18		
92. Pneumonia	99	11	10	10	1	3		24	2	1		4		1	8	5	5	6	3	12	10	10	7	2	1			50	49		
93. Pleurisy	6	1		1				1	2													1	1	1				2	4		
94. Pulmonary congestion, pulmonary apoplexy	5		1					1									1							1	1		1	3	2		
95. Gangrene of the lung	2										1													1				2			
96. Asthma	2																			1	1								2		
97. Pulmonary emphysema	1																	1											1		
98. Other diseases of the respiratory system (tuberculosis excepted)	1																	1										1			
Totals of respiratory system	184	21	40	19	3	4	1	67	4	2	1	2	2	4	8	7	5	11	5	17	16	14	14	13	3	1	1	98	86		
V. Diseases of the Digestive System.																															
99. Diseases of the mouth and annexa																															
100. Diseases of the pharynx	1												1																1		
101. Diseases of the oesophagus	1																	1											1		
102. Ulcer of the stomach	3	1													1	1		1										2	1		
103. Other diseases of the stomach (cancer excepted)	8		1	1	2			4	1									1						1	1			3	5		
104. Diarrhoea and enteritis (under two years)	29	2	28	1				29																				17	12		
105. Diarrhoea and enteritis (two years and over)	9	3			1	2		3			1	1			1		1				1	1						4	5		
106. Ankylostomiasis																															
107. Intestinal parasites																															
108. Appendicitis and typhlitis	10	2									2	2	1	2		1	1				1							4	6		
109. Hernia, intestinal obstruction	14	3	4					4					1	2									2	3		2			9	5	
110. Other diseases of the intestine																															
111. Acute yellow atrophy of the liver																															
112. Hydatid tumor of the liver																															
113. Cirrhosis of the liver	6														2	1		1	1	1								4	2		
(a.) Due to alcoholism*	5															2	1		1	1								3	2		
114. Biliary calculi	4	3														2							1	1				1	3		
115. Other diseases of the liver	3	1													1						1			1				1	2		
116. Diseases of the spleen	1	1																1											1		
117. Simple peritonitis (non-puerperal)	1	1													1														1		
118. Other diseases of the digestive system (cancer and tuberculosis excepted)																															
Totals of digestive system	90	17	33	2	3	2		40	1		3	3	5	7	5	1	4	4	2	1	5	5	1	3			47	43			

* Deaths under italicized headings are included in those of the main heading.

CAUSES OF DEATH.

CAUSES OF DEATH.	AGE.																								SEX.		
	Total Mortality for March, 1911. Deaths of both sexes.																								Males.	Females.	
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
VI. Non-venereal Diseases of the Genito-Urinary System and Annexa.																											
119. Acute nephritis	9	1	1	1		2					1				2	2	1				1				3	6	
120. Bright's disease	28	9	1			1				1	5	2	7	12	11	6	6			11	7		1		48	35	
121. Chyluria																											
122. Other diseases of the kidneys and annexa	3						1				1								1						1	2	
123. Calculi of the urinary passages	1	1									1														1		
124. Diseases of the bladder	1														1										1		
125. Other diseases of the urethra, urinary abscess, etc.	1															1									1		
126. Diseases of the prostate	2	1													1	1									2		
127. Non-venereal diseases of the male genital organs																											
128. Uterine hemorrhage (non-puerperal) . .																											
129. Uterine tumor (non-cancerous)	1												1												1		
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary . .	1														1										1		
132. Salpingitis and other diseases of the female genital organs	4	2								1	2		1													4	
133. Non-puerperal diseases of the breast (cancer excepted)																											
Totals of genito-urinary system	101	14	2	1		3	1				3	9	2	9	12	16	10	7	9	11	8		1		51	50	
VII. Puerperal State.																											
134. Accidents of pregnancy	1										1															1	
135. Puerperal hemorrhage																											
136. Other accidents of labor	3									1		1	1													3	
137. Puerperal septicemia	5	1							1	1	1	1	1													5	
138. Puerperal albuminuria and convulsions	3	1							1		2															3	
139. Puerperal phlegmasia alba dolens, embolia, sudden death	1										1															1	
140. Following child birth (not otherwise defined)																											
141. Puerperal diseases of the breast . . .																											
Totals of puerperal state	15	2							1	2	2	5	2	1												13	
VIII. Diseases of the Skin and of the Cellular Tissue.																											
142. Gangrene	2																			1			1		1		
143. Furuncle																											
144. Acute abscessa	1																			1					1		
145. Other diseases of the skin and annexa,	4	3				3									1										2	2	
Totals of skin tissue	7	3				3									1					2			1		4	3	
IX. Diseases of the Bones and of the Organs of Locomotion.																											
146. Diseases of the bones (tuberculous excepted)	1		1			1																				1	
147. Diseases of the joints (tuberculous and rheumatism excepted)																											
148. Amputations																											
149. Other diseases of the organs of locomotion																											
Totals of bones and organs of locomotion,	1		1			1																				1	
X. Malformations.																											
150. Congenital malformations (still-births not included)	11	11				11																				9	2
XI. Diseases of Early Infancy.																											
151. Congenital debility, lacerus, and sclerema	40	40				40																				23	17
152. Other diseases peculiar to early infancy,	20	1	20			20																				14	4

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																												SEX.	
	Total Mortality for March, 1911.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
XI. Diseases of Early Infancy.—Concluded.																														
133. Lack of care																														
Totals of early infancy	60	1	60					60																				37	23	
XII. Old Age.																														
134. Senility	2																							2			1	1		
XIII. Affections Produced by External Causes.																														
135. Suicide by poison	1											1																1		
136. Suicide by asphyxia	4											1				1	1					1					3	1		
137. Suicide by hanging or strangulation																														
138. Suicide by drowning	2												1		1													1	1	
139. Suicide by firearms																														
140. Suicide by cutting or piercing instruments																														
141. Suicide by jumping from a high place																														
142. Suicide by crushing																														
143. Other suicides																														
144. Poisoning by food																														
145. Other acute poisonings	2												1	1														2		
146. Conflagration	5			1				1		1		1		1								1					1	4		
147. Burns (conflagration excepted)	3	1							1				1			1												1	2	
148. Absorption of deleterious gases (conflagration excepted)	1																			1								1		
149. Accidental drowning	4	3						2							1	1												4		
150. Traumatism by firearms																														
151. Traumatism by cutting or piercing instruments																														
152. Traumatism by fall	21	4									1	2	1	3	1	3	3	3		2	1				1		13	8		
153. Traumatism in mines and quarries																														
154. Traumatism by machines	1																1											1		
155. Traumatism by other crushing (vehicles, railroad, landslides, etc.)	14	3							3	1		1	1	3	1	1		2						1			12	2		
156. Injuries by animals	1														1													1		
157. Starvation																														
158. Excessive cold																														
159. Effects of heat																														
160. Lightning																														
161. Electricity (lightning excepted)																														
162. Homicide by firearms																														
163. Homicide by cutting or piercing instruments	1																			1								1		
164. Homicide by other means																														
165. Fractures (cause not specified)	1	1																	1									1		
166. Other external violence	7	2	1						1		3	1	1			1												3	4	
Totals of affections by external causes,	68	14	1	1				2	6	2	4	5	7	6	7	6	4	6	4	2	2	3		1	1		45	23		
XIV. Ill-defined Diseases.																														
167. Ill-defined organic disease																														
168. Sudden death	4	1														1	1		1	1								2	2	
169. Cause of death not specified or ill-defined	3	2	3						3	1					1													2	3	
Totals of ill-defined diseases	9	3	3						3	1					1	1	1		1	1								4	5	
Totals from all causes,	114	143	196	42	19	20	6	283	29	16	26	28	48	64	49	60	68	79	66	73	70	75	54	41	8	7	574	570		

CASES REPORTED.

Month ending March 31, 1911.

WARDS.	Anterior Pulmonellitis.	Actinomyces.	Asiatic Cholera.	Bubonic Plague.	Cerebro spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pus-tule.	Measles.	Mumps.	Opthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Laryngeal).	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.
1						4					3	3	1	11					11	6			9	
2					1	9					9	1	1	7					14	2		4	4	
3						4					4		1						7			1	4	
4						3					2	1	2	2					5	1			6	
5						3					13		1	1					13			2		
6					1	12					20		16	6					24	1		6	5	
7						2					12	2	4						19	1		1	4	
8						10					28	3	17	7			1		18			3	10	
9					2	5					10	6	10	4					25	1		10	11	
10					1	1					9	3	2						14			4	2	
11						3					6	2	11	5					8	1		3	8	
12						12					9	1	7	8					16	4		2	5	
13						10					3	1	8	10					8			7	8	
14						6					85	2	6	6					9	1			9	
15						6					7	1	2	2					11			1	9	
16						5					12			6					10	2			25	
17					1	12					17	3	5	2					11	1		1	10	
18						9					13	6	2	7		1			8	1		2	5	
19						5					13	7	3	15					12	2		2	7	
20						17					191	3	9	18			1		11	1		10	16	
21						5					19	3	1	9					16				12	
22						13					10	2	1	4					6			1	2	
23						9					6	1		8					4			1	11	
24						2					145	1	1	13					9	3		4	10	
25						12					5	4		14		1			8	1		5	2	
Total.					6	179					651	56	111	165		2	2		297	29		70	194	
Unknown.																			1			1		
Non-residents.						12							8	39			2		18	4		1		
Grand Total.					6	191					651	56	119	204		2	4		316	33		72	194	
Corresponding month last year	1				5	253					440		19	153		1			315	21		89		

NOTE.—Quarantine: One case of measles. No cases in March, 1910.

DEATHS REPORTED.

Month ending March 31, 1911.

WARDS.	TOTAL DEATHS FROM ALL CAUSES.	Anterior Poliomyloritis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pus- tule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Typhlocolitis.	Tuberculosis (Pulmonary and Laryngeal).	Other tubercular deaths.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.	Diarrhea and Enteritis (under 2 years).	Diarrhea and Enteritis (2 years and over).	Pneumonia.	Pneumonia, Broncho.	
1	37																		3	1	1								2	3	
2	47					1	1												6	2							1		4		
3	19																		3									1	2	2	
4	20																		1										2	2	
5	20																		4								1		1	1	
6	58						3					1							3	2							1		11	9	
7	33														1				4						1		2			2	
8	34						1												5										2	4	
9	34					1	1												5	1	1								3	3	
10	31														1				3											1	
11	32														1				1	1									1		
12	36																		1	1				1					3		
13	44						1								1				8	1				1				1	4		
14	28						1												4									1	4	1	
15	34						1												3	1				4					2	1	
16	34														1				6		2			1					6		
17	37					1	1								1				4	1									7	1	
18	37						2												7							2	1	1	2		
19	51						1								2				8					2					2	2	
20	102											1							3	2				2		18	1	9	1		
21	39																		3	1									3		
22	48						2								1				4	1							1		6	2	
23	35						2												4											3	
24	53														1				4					1				1	7	2	
25	41																1		6								1		3	1	
Total.	989					3	17					2		10		1			103	15	4			13		27	6	88	44		
Unknown.	12																		1												
Non-residents.	143					1	3							7					8	5	2					2	3	11	7		
Grand Total.	1144					4	20					2		17		1			112	20	6			13		29	9	99	51		
Corresponding month last year.	1127					3	14					13		4					123	19	1			4		25	1	120	43		

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

[illegible]

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	193	Cattle Condemned, Parts	272 lbs.
Calves "	745	Calves " 53	1,784 "
Sheep "	—	Sheep "	— "
Hogs "	3,877	Hogs " 4 and Parts, 2,528	"

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		MISCELLANEOUS.	
Veal (immature) .	196 lbs.	Vegetables . .	7½ bush.
" (tainted) .	44 "	Fruit . . .	1 "
Poultry "	7 "	Eggs . .	1,190 lbs.
Pork "	55 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	468
"	" " Wagons	646
"	" brought in by Citizens	46
"	" for bacteriological examination,	673
"	Vinegar	74
"	Butter and Cheese	86
	Total Samples,	1,933

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	113	1,730	GONORRHOEA:	Positive	25	106
	Positive for release	62			Negative	81	
	Negative for diagnosis	1,305			Unsatisfactory	0	
	Negative for release	241					
	"No growth" cultures	9			Other examinations: * Positive	35	
TUBERCULOSIS:	Positive	102	602	BACTERIOLOGICAL MILK EXAMINATIONS	Negative	71	106
	Negative	500			Unsatisfactory	0	
	Unsatisfactory	0					
TYPHOID:	Positive	9	93	Total			3,844
	Negative	70					
	Atypical	5					
GLANDERS:	Positive	12	34	SPECIAL WORK:	Examined cow feces for T.B.; milk sediments for T.B.; disinfection work; sputum digesting experiments; longevity T.B. in sputum; five samples of eggs for bacterial content.		
	Negative	20					
	Unsatisfactory	2					

* Organisms (14); Leprosy (1); Influenza (2); Pneumococci (4); Actinomycosis (3); K-L Vir. (3); Conradi (1); Malaria (12); Ophthalmia (49); G-U T.B. (17).

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of March, 1911, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.82	30	60	S.W.	0	Mean Barometer, 29.96
2	29.60	36	50	W.	0	Highest Barometer, 30.71 on the 7th.
3	29.97	29	7	S.W.	*T	Lowest Barometer, 29.03 on the 30th.
4	30.12	29	51	N.	0	Monthly Range of Barometer, 1.68.
5	30.51	22	50	N.W.	0	Mean Temperature, 55.4°.
6	30.35	25	90	N.	.19	Highest Temperature, 66° on the 22d.
7	30.62	22	72	N.E.	*T	Lowest Temperature, 14° on the 16th.
8	30.36	29	44	N.W.	0	Monthly Range of Temperature, 52.
9	30.12	36	44	N.W.	0	Greatest Daily Range of Temperature, 31° on the 22d.
10	29.63	39	68	N.W.	.18	Least Daily Range of Temperature, 6° on the 10th.
11	30.23	36	48	N.W.	0	Mean Daily Range of Temperature, 15.3°.
12	30.12	38	78	S.W.	.05	Mean Daily Dew-point, 22.3°.
13	30.36	40	58	N.W.	0	Mean Daily Relative Humidity, 62.6
14	30.34	38	69	S.E.	0	Prevailing Direction of Wind, West.
15	29.46	44	87	W.	.75	Total Movement of Wind, 9,535 miles.
16	29.76	25	57	W.	.12	Highest Velocity of Wind and Direction,—42 miles from W. on the 16th.
17	30.31	26	45	W.	0	Number of Foggy Days, 1.
18	30.06	38	77	S.W.	.17	Number of Fair Days, 6
19	30.08	36	74	S.E.	.49	Number of Clear Days, 13
20	29.58	41	70	W.	.03	Number of Cloudy Days, 12
21	29.86	39	42	N.W.	0	Total Number of Days on which Rain or Snow fell, 14
22	29.66	50	64	S.W.	.01	Depth of Unmelted Snow on ground at end of month, none.
23	29.83	32	46	N.W.	.01	Dates of Auroras, none.
24	30.29	23	46	N.W.	0	Dates of Lunar Halos, 7th.
25	30.50	30	36	S.W.	0	Thunder Storms, 15th.
26	30.33	46	58	S.W.	0	Dates of Frosts, —
27	29.80	50	94	S.W.	.27	Mean Maximum Temperature, 43.1
28	29.44	42	75	W.	.10	Mean Minimum Temperature, 27.
29	29.62	42	80	W.	.17	MEAN TEMPERATURE for this month in
30	29.16	43	68	S.W.	.41	Total Precipitation for this Month in inches
31	29.46	38	62	W.	*T	
TOTALS					2.95	
MEANS	29.98	35.5	62.6	W	0.10	

Average mean temperature for 41 years, 35°.

Average monthly precipitation for 41 years, 4.08 inches.

*T Indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of April, 1911.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of April, 1911	1,060
Population estimated at 688,912	Rate per 1,000 inhabitants, 18.72
Deaths of non-residents, 110	*Corrected rate per 1,000 inhabitants, 16.78

Total number 1,060

SEX.

Males 538

Females 522

CONDITION.

Single 516

Married 336

Widowed 188

Divorced 9

Unknown 11

COLOR.

White 1,025

Black (Negro or mixed) 33

Chinese 2

Total deaths of children, { Under 1 year 191

 { Under 2 years 233

 { Under 5 years 268

NATIVITY.

United States 659

Ireland 170

England and Wales 29

Scotland 10

Germany 14

Canada 90

Italy 28

Russia and Poland 23

Sweden and Norway 6

France 4

Other Countries 15

Unknown 12

NATIVITY OF MOTHERS.

United States 306

Ireland 334

England and Wales 34

Scotland 14

Germany 20

Canada 104

Italy 63

Russia and Poland 45

Sweden and Norway 13

France 4

Other Countries 28

Unknown 95

Still-births during the month 54

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for April, 1911		Deaths of non-residents.		AGE.																				SEX.							
																									Males.	Females.						
					Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.				
General Diseases.																																
1. Typhoid fever	4	1												2	1																8	1
2. Typhus fever																																
3. Relapsing fever																																
4. Malaria																																
(a) Malarial cachexia*																																
5. Smallpox																																
6. Measles	6		2	2	1					5							1														4	2
7. Scarlet fever	10	1			1	1	2	2	7	1	1	1																			5	5
8. Whooping cough	12		4	5	1	1				11	1																				5	7
9. Diphtheria and croup	10	3	3	6	2	1				12	4			1			1			1											10	9
10. Influenza	6		1							1	2											2	1		1						4	2
11. Miliary fever																																
12. Asiatic cholera																																
13. Cholera nostras																																
14. Dysentery	2				1					1								1													1	1
15. Plague																																
16. Yellow fever																																
17. Leprosy																																
18. Erysipelas	7	1	1						1					1		1	2				1									1	1	6
19. Other epidemic diseases	1		1						1																						1	
20. Purulent infection and septicæmia																																
21. Glanders																																
22. Anthrax																																
23. Rabies																																
24. Tetanus	1																			1											1	
25. Mycoses																																
26. Pellagra																																
27. Beriberi																																
28. Tuberculosis of the lungs	109	6	1	1	1	1			4	1			7	9	11	12	14	16	9	7	8	4	3	4						68	41	
29. Acute miliary tuberculosis	4	1			1				1				1			1		1													2	2
30. Tuberculous meningitis	11	2	2	2	1			3	8	1					1	1															4	7
31. Abdominal tuberculosis	4	1								1	1				1		1														1	3
32. Pott's disease	1																													1		
33. White swelling																																
34. Tuberculosis of other organs	1																							1							1	
35. Disseminated tuberculosis																																
36. Rickets																																
37. Syphilis	1								1																							1
38. Gonococcus infection	1	1											1																			1
39. Cancer and other malignant tumors of the buccal cavity	1																					1									1	
40. Cancer and other malignant tumors of the stomach, liver	16	1																1	3	3		3	2	1	1	2					6	10
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	14	3														1	1				1	1	3	2	1	2	1	1			3	10
42. Cancer and other malignant tumors of the female genital organs	18	5																3	4	1	5	3				1						18
43. Cancer and other malignant tumors of the breast	10																	1	1	2	1	2	1	2							10	
44. Cancer and other malignant tumors of the skin																																
45. Cancer and other malignant tumors of other organs and of organs not specified	11	2											1		1		1	1		2	1	1			1	1					7	4

* Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for April, 1911. Deaths of non-residents.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
46. Other tumors (tumors of the female genital organs excepted)																												
47. Acute articular rheumatism	5	1						1	1			1	1	1												3	2	
48. Chronic rheumatism and gout																												
49. Scurvy																												
50. Diabetes	8	2								1								3	3	1						5	3	
51. Exophthalmic goitre																												
52. Addison's disease	1	1															1									1		
53. Leuchæmia																												
54. Anæmia, chlorosis	4													1	2					1	1					2	2	
55. Other general diseases	3	1					1				1		1													3		
56. Alcoholism (acute or chronic)	13	2										1	2		1	5		3	1							10	3	
57. Chronic lead poisoning																												
58. Other chronic occupation poisonings																												
59. Other chronic poisonings																												
Totals of general diseases	304	34	17	18	8	5	7	55	10	3	11	12	19	19	24	28	22	23	17	26	13	9	8	3	1	1	133	151
II. Diseases of the Nervous System and of the Organs of Special Sense.																												
60. Encephalitis																												
61. Meningitis {	3																											
62. Locomotor ataxia	1															1										1		
63. Other diseases of the spinal cord	4										1						1		1		1					1	3	
(a) Acute Anterior Poliomyelitis*																												
64. Cerebral hemorrhage, apoplexy	59	1	1				1					2	1	2	1	1	8	6	12	12	7	3	3			23	36	
65. Softening of the brain																												
66. Paralysis without specified cause	3															1		1		1						2	1	
67. General paralysis of the insane	3															2		1								2	1	
68. Other forms of mental alienation																												
69. Epilepsy																												
70. Convulsions (non-puerperal)																												
71. Convulsions of Infants	1	3	1					4																			2	2
72. Chorea																												
73. Neuralgia and Neuritis	2	1						1							1												2	
74. Other diseases of the nervous system	3	2										1			1	1											3	
75. Diseases of the eyes and their annexa																												
76. Diseases of the ears	4	1	3	1				4																			2	2
Totals of nervous system, etc.,	94	5	12	2	1			15		1	1	1	2	3	1	5	6	2	11	6	13	13	8	5	3		42	62
III. Diseases of the Circulatory System.																												
77. Pericarditis	2							1							1												1	1
78. Acute endocarditis	1	1						1																				1
79. Organic diseases of the heart	120	5			1		1	1	2	3	2	2	3	6	6	10	8	9	12	21	17	7	7	3		46	74	
80. Angina pectoris	4	1													1			1	1	1						2	2	
81. Diseases of the arteries, atheroma, aneurism, etc.	12																	1	1	8	2	3	2			6	6	
82. Embolism and thrombosis	6	1														1			2	1	1		1			3	3	

* Deaths under italicised headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for April, 1911.	AGE.																				SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Deaths of non-residents.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.	Under 1 year.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
III. Diseases of the Circulatory System.—Concluded.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

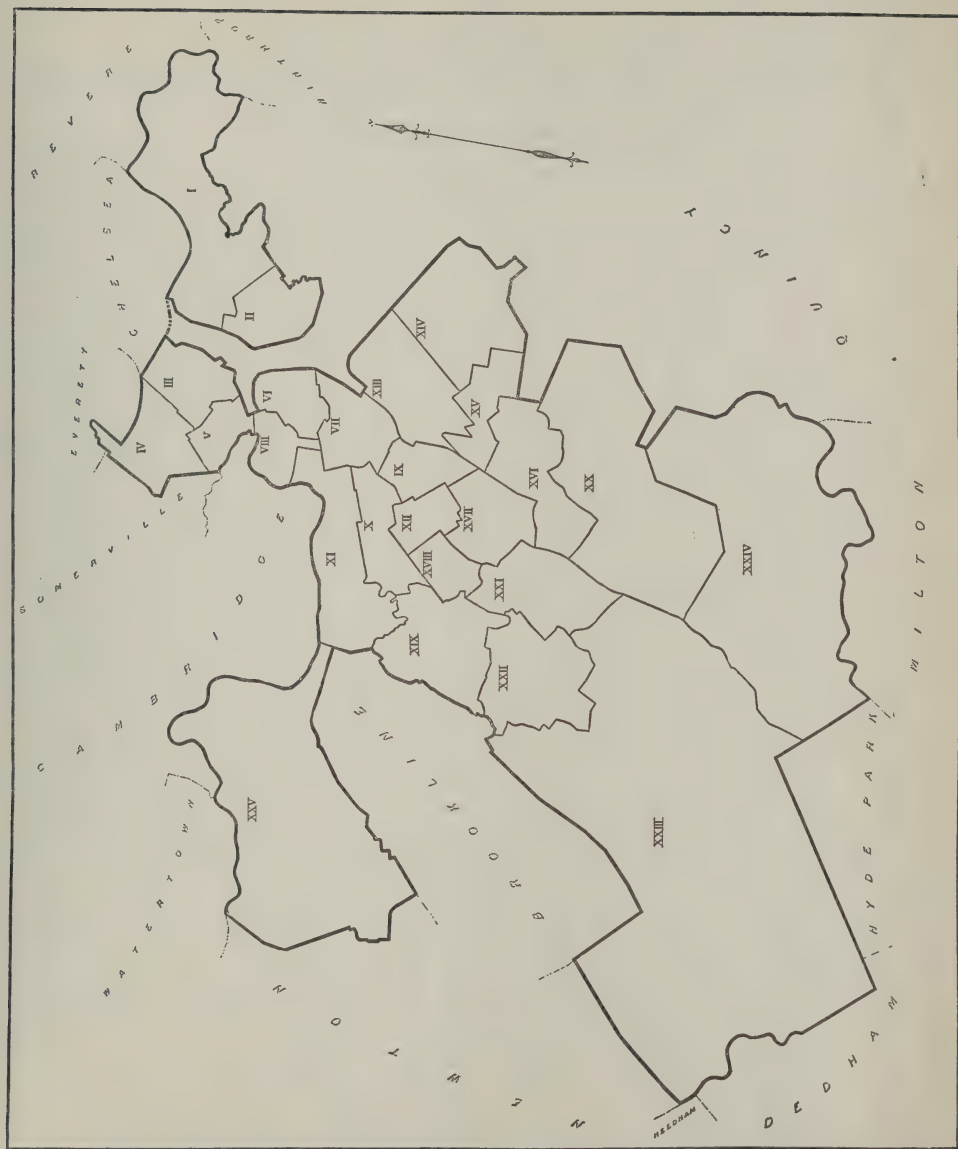
CAUSES OF DEATH.		AGE.																											SEX.	
		Total Mortality for All, Ill, Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
VI. Non-venereal Diseases of the Genito-Urinary System and Annexa.																														
119.	Acute nephritis	2						1					1															1	1	
120.	Bright's disease	64	7	1	1		2					1	6	4	5	3	3	10	7	8	3	7						27	37	
121.	Chyluria																													
122.	Other diseases of the kidneys and annexa	3	1	1			1												1		1							2	1	
123.	Calculi of the urinary passages	1																	1									1		
124.	Diseases of the bladder	2	1											1							1							2		
125.	Other diseases of the urethra, urinary abscess, etc.	1	1											1														1		
126.	Diseases of the prostate	5	2																		1	3						1	5	
127.	Non-venereal diseases of the male genital organs	1																				1								
128.	Uterine hemorrhage (non-puerperal)																													
129.	Uterine tumor (non-cancerous)	2	1											1	1													2		
130.	Other diseases of the uterus	1																1										1		
131.	Cysts and other tumors of the ovary	1													1													1		
132.	Salpingitis and other diseases of the female genital organs	4									1	2	1																4	
133.	Non-puerperal diseases of the breast (cancer excepted)																													
Totals of genito-urinary system		87	13	1	1	1		3	1			1	3	7	8	7	3	4	11	8	10	13	7				1	40	47	
VII. Puerperal State.																														
134.	Accidents of pregnancy	3									1	1	1																3	
135.	Puerperal hemorrhage																													
136.	Other accidents of labor	3	1								1	1	1																3	
137.	Puerperal septicemia	7	2								4	1	1	1															7	
138.	Puerperal albuminuria and convulsions	3	1							1		1	1																3	
139.	Puerperal phlegmasia alba dolens, embolus, sudden death																													
140.	Following child birth (not otherwise defined)																													
141.	Puerperal diseases of the breast																													
Totals of puerperal state		16	4							1	1	7	4	2	1														16	
VIII. Diseases of the Skin and of the Cellular Tissue.																														
142.	Gangrene	4															1		1				1	1				2	2	
143.	Furuncle	2	1									2																1	1	
144.	Acute abscess	2	1	1			1															1						1	1	
145.	Other diseases of the skin and annexa,	2	2				2																					2		
Totals of skin tissue		10	2	3			3					2					1		1		1		1	1				6	4	
IX. Diseases of the Bones and of the Organs of Locomotion.																														
146.	Diseases of the bones (tuberculosis excepted)	4	1	1			1													1	1		1					1	3	
147.	Diseases of the joints (tuberculosis and rheumatism excepted)	2																		1							1	2		
148.	Amputations																													
149.	Other diseases of the organs of locomotion																													
Totals of bones and organs of locomotion,		6	1	1			1													2	1		1				1	1	5	
X. Malformations.																														
150.	Congenital malformations (still-births not included)	12	1	11	1		12																					7	5	
XI. Diseases of Early Infancy.																														
151.	Congenital debility, icterus, and scle- remia	35	4	35			35																					18	17	
152.	Other diseases peculiar to early infancy,	9	9				9																					7	2	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	AGE.																				SEX.									
	Total Mortality for April, 1911.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
XI. Diseases of Early Infancy.—Concluded.																														
153. Lack of care	1		1					1																					1	
Totals of early infancy	45	4	45					45																				25	20	
XII. Old Age.																														
154. Senility	4																				1	1		1	1			3	1	
XIII. Affections Produced by External Causes.																														
155. Suicide by poison	1												1																1	
156. Suicide by asphyxia																														
157. Suicide by hanging or strangulation	2													1			1												2	
158. Suicide by drowning	1											1																	1	
159. Suicide by firearms	2													1	1														2	
160. Suicide by cutting or piercing instruments	2																	2											2	
161. Suicide by jumping from a high place																														
162. Suicide by crushing																														
163. Other suicides																														
164. Poisoning by food																														
165. Other acute poisonings																1													2	
166. Conflagration	2			1				1																						
167. Burns (conflagration excepted)	6	1				1		1	1							1		1	1	1								4	2	
168. Absorption of deleterious gases (conflagration excepted)	5														2			1	1			1						4	1	
169. Accidental drowning	3	1	1					1								1	1												2	1
170. Traumatism by firearms																														
171. Traumatism by cutting or piercing instruments																														
172. Traumatism by fall	9	3							1				1	1					1	2	1		1		1			7	2	
173. Traumatism in mines and quarries																														
174. Traumatism by machines	2	1											1			1													2	
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)	9								1				2		2	1	1	1	1		1							8	1	
176. Injuries by animals																														
177. Starvation	1																	1											1	
178. Excessive cold																														
179. Effects of heat																														
180. Lightning																														
181. Electricity (lightning excepted)																														
182. Homicide by firearms																														
183. Homicide by cutting or piercing instruments	1																		1										1	
184. Homicide by other means	4	1								1		1	1					1											3	1
185. Fractures (cause not specified)	1																1												1	
186. Other external violence	5	2		2					2		1	1					1												2	3
Totals of affections by external causes,	66	9	1	2	1		1		5	2	3		2	6	4	7	5	4	7	3	4	1	1	1		1		41	15	
XIV. Ill-defined Diseases.																														
187. Ill-defined organic disease																														
188. Sudden death	2														1				1										1	1
189. Cause of death not specified or ill-defined	2	1	2						2																				1	1
Totals of ill-defined diseases	4	1	2						2							1			1										2	2
Totals from all causes,	100	110	191	42	11	12	9	26	29	12	17	27	40	54	59	62	57	66	67	78	77	69	44	26	14	4	53	322		

BOSTON WARD MAP.



CASES REPORTED.

Month ending April 30, 1911.

WARDS.	Anterior Polymyoseltis.	Actinomycesia.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pus-tule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Laryngeal).	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.
1						5					2	1		9					5	2		3	3	
2						8					12	2	3	6					17	2		1	1	
3						5					5	1	3	6					8			4	2	
4						7					15	1	1						2			1	5	
5						5					3			2					7	1			1	
6						15					28	1	16	5			1		21	2		4	1	
7						10					11	3	6	1					15				11	
8						13					23	4	11	9			1		29	1		5	6	
9					1	5					17	4	11	3					18			20	13	
10						2					18	4		6					9	1		3	1	
11						5					20	1	12	2					5	1		3	9	
12						10					24		2	9					11	1			2	
13						11					4	2	2	4					9			1	4	
14						8					57		4	5					17			5	19	
15						4					5		3	3					6	1		3	4	
16						10					36	1	1	1					11			3	7	
17					1	7					39	2	1	5					12			2	1	
18						2					12	4	3	10					18	1		3	3	
19					1	7					15	2	2	7			1		17			1	7	
20						12					127	3	2	4					5	2		1	18	
21						1					37	8		4					11	1		4	7	
22						7					22	2		6					10	1			3	
23					1						10	4		1					7	2		7	5	
24						6					133	1	1	12					10	2		2	6	
25						5			1		5	2		5					5	1		1	5	
Total,					4	170			1		680	53	84	125			3		285	22		77	144	
Unknown,											2		1						8					
Non-resident,						12					5		5	24			1		11					
Grand Total,					4	182			1		687	53	90	149			4		304	22		77	144	
Corresponding month last year	1				2	226			2		683		8	384		2			305	29		65		

NOTE.—Quarantine: One case each of measles, mumps and smallpox. No cases in April, 1910.

DEATHS REPORTED.

Month ending April 30, 1911.

WARDS.	TOTAL DEATHS FROM ALL CAUSES.	Anterior Polymyelitis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Laryngeal).	Other tubercular deaths.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.	Diarrhoea and Enteritis (under 2 years).	Diarrhoea and Enteritis (2 years and over).	Pneumonia.	Pneumonia, Bronchio.	
1	35														2					2	2						2		4	1	
2	49														1					7	1						1		12		
3	23						1													7							1		3	1	
4	18																			2	1				1				1		
5	14																			2	1						1				
6	38						3					2			1					5							4		7	4	
7	33																			4	1				1				3	3	
8	32																			3		1			1				4	1	
9	45					1	1													5	1						1		5	2	
10	34											1								4								1	1		
11	33																			5									3		
12	39						1					1			1					3							2		6		
13	43						3								1					4	1				1		2		3		
14	35																			2					3				2	1	
15	32						2					1								2				1					2	1	
16	37																			3	1				1		1		3	1	
17	33																			6							1		5	1	
18	43						1								1					6	1	1			1				2	3	
19	33																			4	1				1		1		1		
20	103						1										1			9	1	1			1		30	1	6	5	
21	38																			2									9	1	
22	34																			6							1	1	2		
23	38						1	1												3	2				1					1	
24	50											1			1					7									3	2	
25	30						2								1					3									2	1	
Total.	942					3	16					6			9		1			106	14	3		1	12		48	3	89	33	
Unknown.	8																													1	
Non-residents.	110						3								1					7	3	1					1	1	13	2	
Grand Total.	1060						3	19				6			10		1			112	17	4		1	12		49	4	103	35	
Corresponding month last year	1065	1					1	14				9			6		3			113	18	2			5		17	6	114	45	

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Ward Residence.	Date of death.	Additional deaths.	Deaths of non-residents.	AGE.	Color.	Condition.	Nativity.	Nativity of Mother.	SEX	
										Males.	Females.
					Under 1 year.						
					1 year and under 2 years.						
					2 years and under 3 years.						
					3 years and under 4 years.						
					4 years and under 5 years.						
					Total under 5 years.						
					5 years and under 10 years.						
					10 years and under 15 years.						
					15 years and under 20 years.						
					20 years and under 25 years.						
					25 years and under 30 years.						
					30 years and under 35 years.						
					35 years and under 40 years.						
					40 years and under 45 years.						
					45 years and under 50 years.						
					50 years and under 55 years.						

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	220	Cattle Condemned, 3 and Parts,	1,463 lbs.
Calves "	795	Calves " 8	262 "
Sheep "	—	Sheep "	— "
Hogs "	3,401	Hogs " 11 and Parts,	2,259 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.	MISCELLANEOUS.	
Veal (immature) .	276 lbs.	50 lbs.	Vegetables .	15 bush.
" (tainted) .	191 "	Lobsters		
Poultry " .	15 "	and Crabs		
Mutton " .	15 "	(tainted),		
Beef " .	20 "	282 lbs.		
Pork " .	25 "			

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	405
" "	" " Wagons	511
" "	" brought in by Citizens	60
" "	" for bacteriological examination,	536
" "	Vinegar	57
" "	Butter and Cheese	49
	Total Samples,	1,618

BACTERIOLOGICAL LABORATORY.

[illegible]

*Orionisms; Influenza; Pneumonia; K-L Vir.; Malaria; Ophthalmia (41); G-U T.B.; Rabies.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of April, 1911, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.54	35	58	W.	0	Mean Barometer, 30.13
2	30.08	29	41	W.	0	Highest Barometer, 30.72 on the 12th.
3	30.40	32	34	N.W.	0	Lowest Barometer, 29.62 on the 7th.
4	30.51	33	78	E.S.E.	.48	Monthly Range of Barometer, 1.10.
5	29.80	42	98	E.	.88	Mean Temperature, 46.1°.
6	29.75	60	70	W.	0	Highest Temperature, 80° on the 27th.
7	29.83	52	69	W.	0	Lowest Temperature, 23° on the 2d.
8	30.28	42	49	N.W.	0	Monthly Range of Temperature, 57.
9	30.19	36	83	N.	.51	Greatest Daily Range of Temperature, 31° on the 27th.
10	30.44	42	44	N.W.	0	Least Daily Range of Temperature, 5° on the 23d.
11	30.61	42	40	N.N.W.	0	Mean Daily Range of Temperature, 16.2°.
12	30.72	40	62	E.	0	Mean Daily Dew-point, 30.8°.
13	30.62	46	54	S.W.	0	Mean Daily Relative Humidity, 60.0.
14	30.20	50	75	S.W.	.08	Prevailing Direction of Wind, West.
15	29.88	50	57	N.W.	0	Total Movement of Wind, 8,246 miles.
16	29.80	42	70	W.	.01	Highest Velocity of Wind and Direction,—40 miles from NE. on the 20th.
17	29.90	44	52	W.	0	Number of Foggy Days, none.
18	29.90	42	40	N.W.	0	Number of Clear Days, 11.
19	30.00	46	60	S.E.	*T	Number of Cloudy Days, 8.
20	29.75	40	84	N.E.	.25	Total Number of Days on which Rain or Snow fell, 8.
21	29.95	40	75	E.	0	Depth of Unmelted Snow on ground at end of month, none.
22	30.12	38	87	N.E.	*T	Dates of Auroras, none.
23	30.22	36	88	N.E.	.04	Dates of Lunar Halos, 6th and 7th.
24	30.13	46	87	N.W.	0	Dates of Solar Halos, none.
25	30.20	53	54	E.	0	Thunder Storms, none.
26	30.40	55	40	S.W.	0	Dates of Frosts, 18, 19, 24.
27	30.44	64	36	W.	0	Mean Maximum Temperature, 54.2
28	30.24	68	36	W.	0	Mean Minimum Temperature, 38.0
29	30.00	70	34	SE.N.W.	0	MEAN TEMPERATURE for this month in
30	29.88	65	77	S.W.	.08	Total Precipitation for this Month in inches
31						
TOTALS.....					2.28	
MEANS.....	30.14	46.0	60.1	W	0.08	
1871						47
1872						47
1873						45
1874						39
1875						43
1876						44
1877						41
1878						43
1879						42
1880						46
1881						44
1882						43
1883						45
1884						44
1885						47
1886						49
1887						44
1888						43
1889						48
1890						46
1891						48
1892						48
1893						44
1894						47
1895						46
1896						47
1897						49
1898						44
1899						46
1900						49
1901						44
1902						48
1903						48
1904						45
1905						47
1906						47
1907						43
1908						47
1909						48
1910						52
1911						48
1871						3.79
1872						1.31
1873						3.83
1874						7.97
1875						4.92
1876						3.61
1877						4.19
1878						6.53
1879						2.83
1880						1.66
1881						2.50
1882						2.83
1883						4.76
1884						3.30
1885						1.70
1886						2.62
1887						2.04
1888						3.07
1889						2.29
1890						1.71
1891						0.93
1892						3.13
1893						3.78
1894						3.63
1895						1.56
1896						3.17
1897						6.39
1898						1.29
1899						1.90
1900						7.43
1901						2.87
1902						4.43
1903						9.14
1904						2.14
1905						2.15
1906						3.31
1907						1.70
1908						3.92
1909						2.22
1910						2.28
1911						

Average mean temperature for 41 years, 45°.

Average monthly precipitation for 41 years, 3.55 inches.

*T indicates trace of precipitation.

1559

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



NOV 21 1911
B. P. L.

Statement of Deaths for the month of May, 1911.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of May, 1911	1,053
Population estimated at 688,912	Rate per 1,000 inhabitants, 18.00
Deaths of non-residents, 113	*Corrected rate per 1,000 inhabitants, 16.07

Total number 1,053

SEX.

Males 544
Females 509

CONDITION.

Single 514
Married 338
Widowed 182
Divorced 7
Unknown 12

COLOR.

White 1,014
Black (Negro or mixed) 37
Chinese 2

Total deaths of children, {
 Under 1 year 180
 Under 2 years 246
 Under 5 years 292

NATIVITY.

United States 681
Ireland 138
England and Wales 24
Scotland 16
Germany 19
Canada 89
Italy 21
Russia and Poland 26
Sweden and Norway 7
France 1
Other Countries 19
Unknown 12

NATIVITY OF MOTHERS.

United States 322
Ireland 285
England and Wales 28
Scotland 24
Germany 23
Canada 96
Italy 68
Russia and Poland 50
Sweden and Norway 16
France 2
Other Countries 37
Unknown 102
Still-births during the month 56

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for May, 1911. Deaths of non-residents.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
General Diseases.																												
1. Typhoid fever	3									1				1							1						2	1
2. Typhus fever																												
3. Relapsing fever																												
4. Malaria																												
(a) Malarial cachexia*																												
5. Smallpox																												
6. Measles	13	4	5	2			2	13																			7	6
7. Scarlet fever	9	3		2	1	2	1	6	2		1																4	5
8. Whooping cough	18	1	7	7	1	1	1	17	1																		5	13
9. Diphtheria and croup	10	2	5		1		1	7	2			1															5	5
10. Influenza	7																1	2	1		1		1	1	1	1	1	6
11. Miliary fever																												
12. Asiatic cholera																												
13. Cholera nostras																												
14. Dysentery																												
15. Plague																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	11		2	1				3					1	2		1	1	1	1			1					4	7
19. Other epidemic diseases																												
20. Purulent infection and septicæmia	3		1	1				2								1											2	1
21. Glanders																												
22. Anthrax																												
23. Rabies																												
24. Tetanus	1								1																		1	
25. Mycoses	1	1								1																		1
26. Pellagra																												
27. Beriberi																												
28. Tuberculosis of the lungs	84	7			1	1		2		1	6	5	10	9	18	5	7	8	3	5	3	2					50	34
29. Acute miliary tuberculosis	6	1	2					2	1				3														2	4
30. Tuberculous meningitis	15	2	4	2	2	1	1	10	3	1			1														7	8
31. Abdominal tuberculosis	2										1	1																2
32. Pott's disease	1								1																			1
33. White swelling																												
34. Tuberculosis of other organs	2	2		1				1					1														1	1
35. Disseminated tuberculosis																												
36. Rickets																												
37. Syphilis	3		1	1				2								1											1	2
38. Gonococcus infection																												
39. Cancer and other malignant tumors of the buccal cavity	3															1				1	1						3	
40. Cancer and other malignant tumors of the stomach, liver	17	3												1	1	1	1	3	2	1	5	1	1				6	11
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	16														3	2	2		4	3	1			1			6	10
42. Cancer and other malignant tumors of the female genital organs	9	1													1		2	3		1	1	1					9	
43. Cancer and other malignant tumors of the breast	10										1	1			2				3	1	2						10	
44. Cancer and other malignant tumors of the skin	2											1								1								2
45. Cancer and other malignant tumors of other organs and of organs not specified	15	3											1	1	1	1	1	1	3	1	2	2	2				8	7

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																												SEX.	
	Total Mortality for May, 1911.	Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																														
46. Other tumors (tumors of the female genital organs excepted)	2	1																	1	1							1	1		
47. Acute articular rheumatism	3	1									1		1				1										3			
48. Chronic rheumatism and gout																														
49. Scurvy																														
50. Diabetes	10	1										1				1	1	1	3	2			1				4	6		
51. Exophthalmic goitre	1														1													1		
52. Addison's disease	1												1														1			
53. Leucæmia	1																	1										1		
54. Anæmia, chlorosis	4	1											1					2		1								4		
55. Other general diseases	3	1	1				1	2						1													3			
56. Alcoholism (acute or chronic)	11	1												3	1	1	2	2	1	1							7	4		
57. Chronic lead poisoning																														
58. Other chronic occupation poisonings																														
59. Other chronic poisonings	1																	1										1		
Totals of general diseases	298	30	27	20	8	6	6	67	9	4	9	8	17	16	26	15	17	24	18	23	20	12	7	3	2	1	134	164		
II. Diseases of the Nervous System and of the Organs of Special Sense.																														
60. Encephalitis	1																	1									1			
61. Meningitis {	15		4	3	1			8	1					1		1		2									6	7		
	1									1																		1		
62. Locomotor ataxia																														
63. Other diseases of the spinal cord	4											1						1		1					1		4			
(a) Acute Anterior Poliomyelitis*																														
64. Cerebral hemorrhage, apoplexy	36	5											1	1	1	3	3	3	3	4	4	2	8	2	1		20	16		
65. Softening of the brain																														
66. Paralysis without specified cause	5	1															1	1			2	1					2	3		
67. General paralysis of the insane	4																2	1		1							2	2		
68. Other forms of mental alienation	3													1								1	1					3		
69. Epilepsy																														
70. Convulsions (non-puerperal)																														
71. Convulsions of infants	2		2					2																			1	1		
72. Chorea	1	1							1																			1		
73. Neuralgia and Neuritis	1	1																	1									1		
74. Other diseases of the nervous system	4		1					1									2	1										4		
75. Diseases of the eyes and their annexa	1		1						1																		1			
76. Diseases of the ears	5	1		3					3		1										1							3	2	
Totals of nervous system, etc.,	81	9	7	7	1				15	2	1	1	1	1	2	2	8	6	8	5	6	6	4	9	2	2	40	41		
III. Diseases of the Circulatory System.																														
77. Pericarditis	1							1	1																			1		
78. Acute endocarditis	9	1	1			1		2			2			1		1		1		1		1					4	5		
79. Organic diseases of the heart	95	9				1		1	1	1	1	1	2	1	5	7	8	4	9	12	9	8	12	7	6		45	50		
80. Angina pectoris	5																				2	1		1	1		4	1		
81. Diseases of the arteries, atheroma, aneurism, etc.	14																				3	2	1	3	1	1	3	7	7	
82. Embolism and thrombosis	7	2															3					1	2		1		2	5		

* Deaths under italicized headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for May, 1911. Deaths of non-residents.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory System.—Concluded.																												
53. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	3														1				1	1						1	2	
54. Diseases of the lymphatic system (lymphangitis, etc.)	1			1			1																			1		
55. Hemorrhage; other diseases of the circulatory system																												
Totals of circulatory system	135	13	1		1	2	1	5	1	1	3	1	2	2	5	8	12	5	9	16	15	14	15	10	8	3	65	70
IV. Diseases of the Respiratory System.																												
56. Diseases of the nasal fossae																											*	
57. Diseases of the larynx																												
58. Diseases of the thyroid body																												
59. Acute bronchitis	6	2	2				4																1	1		2	4	
60. Chronic bronchitis	4	1					1									1					1	1				1	3	
61. Broncho-pneumonia	43	4	15	11	2	1	1	30	1						2	2	2	2	1		1	1			1	23	20	
62. Pneumonia	100	11	17	16			2	35	1	3		5	2	10	6	2	8	7	3	6	5	2	1	3	1	64	36	
63. Pleurisy	4	1								1			1					1	1							3	1	
64. Pulmonary coagestion, pulmonary apoplexy																												
65. Gangrene of the lung	2												1					1								1	1	
66. Asthma	1																		1								1	
67. Pulmonary emphysema																												
68. Other diseases of the respiratory system (tuberculous excepted)																												
Totals of respiratory system	160	16	35	29	2	1	3	70	2	4		5	3	11	8	4	12	10	5	7	7	3	3	4	2	94	66	
V. Diseases of the Digestive System.																												
99. Diseases of the mouth and annexa																												
100. Diseases of the pharynx	15	2	2	2			4	1		1	1				1			2	2		2	1			3	12		
101. Diseases of the œsophagus	1	1									1															1		
102. Ulcer of the stomach	5	4									2	2					1								2	3		
103. Other diseases of the stomach (cancer excepted)	1		1				1																		1			
104. Diarrhoea and enteritis (under two years)	31		28	3			31																		18	13		
105. Diarrhoea and enteritis (two years and over)	9					1	1			1	1		1	1	1				1	2					3	6		
106. Ankylostomiasis																												
107. Intestinal parasites																												
108. Appendicitis and typhilitis	12	1				1	1	2		2	1	1	2		2		1			1					5	7		
109. Hernia, intestinal obstruction	6		3				3							1				1	1						4	2		
110. Other diseases of the intestine	1																	1								1		
111. Acute yellow atrophy of the liver																												
112. Hydatid tumor of the liver																												
113. Cirrhosis of the liver	8	1												1	1	1	1	2	1	1					7	1		
(a.) Due to alcoholism?	5													1		1		1	1	1					5			
114. Biliary calculi	3	3												1		3										3		
115. Other diseases of the liver	3	1											1		1				1							3		
116. Diseases of the spleen																												
117. Simple peritonitis (non-puerperal)	5		1	1		1	3								1		1								3	2		
118. Other diseases of the digestive system (cancer and tuberculous excepted)	2															1	1									2		
Totals of digestive system	102	13	35	4	2	3	1	45	1	2		3	5	3	5	3	7	3	3	6	3	2	2	1		49	53	

* Deaths under italicised headings are included in those of the main heading.

CAUSES OF DEATH.

150. Congenital malformations (still-births not included)

XI. Diseases of Early Infancy.

151. Congenital debility, icterus, and sclerema

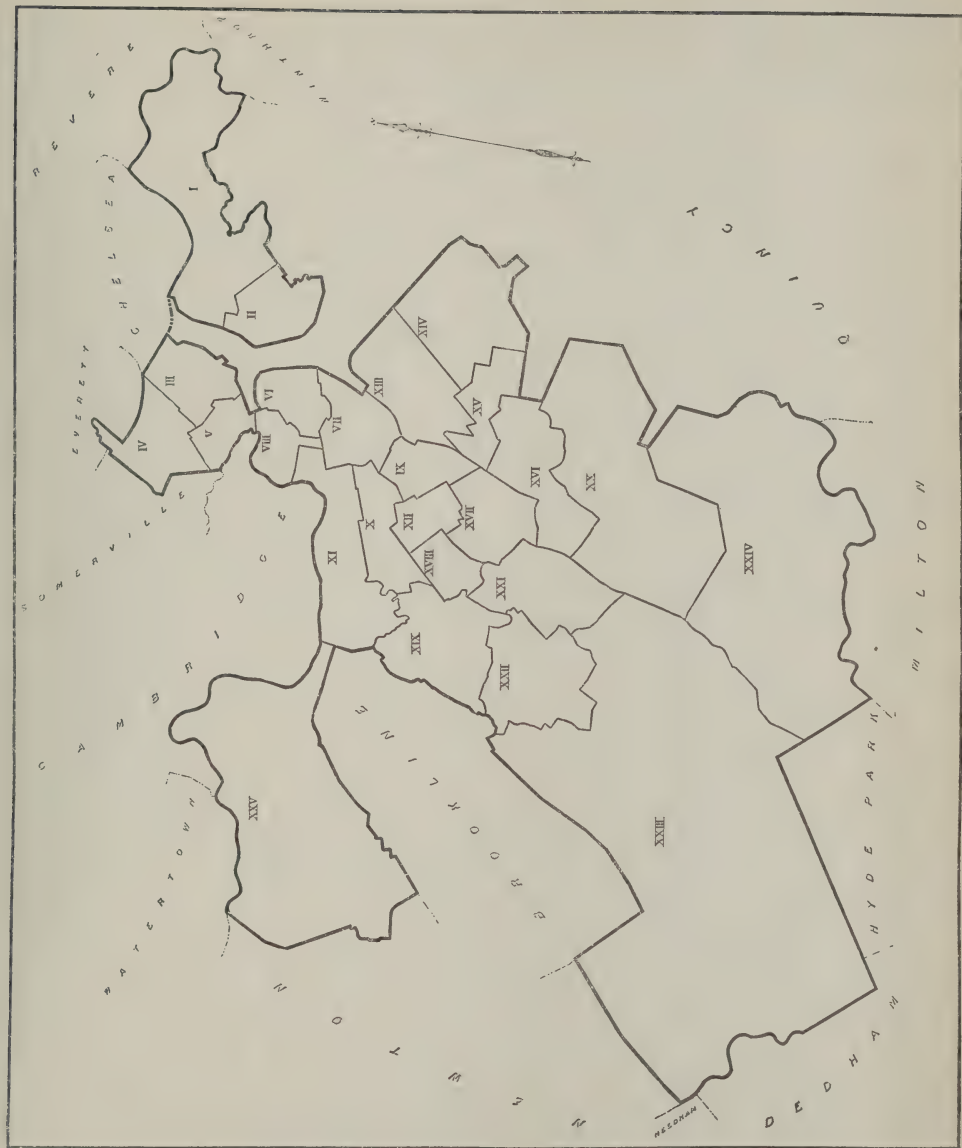
152. Other diseases peculiar to early infancy

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

		Total Mortality for May, 1911.		Deaths of non-residents.		AGE.																				SEX.								
						Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
XI. Diseases of Early Infancy.—Concluded.																																		
153.	Lack of care	1	1								1																				1			
Totals of early Infancy		58	4	58							28																				31	27		
XII. Old Age.																																		
154.	Senility	4																						2	1	1					3	1		
XIII. Affections Produced by External Causes.																																		
155.	Suicide by poison	4													1	1		1			1										2	2		
156.	Suicide by asphyxia	5													1		1			1	1	1									3	2		
157.	Suicide by hanging or strangulation	1													1																	1		
158.	Suicide by drowning	1															1															1		
159.	Suicide by firearms	6	2												1			1			1	2	1								5	1		
160.	Suicide by cutting or piercing instruments	1													1																	1		
161.	Suicide by jumping from a high place	1	1															1														1		
162.	Suicide by crushing																																	
163.	Other suicides																																	
164.	Poisoning by food																		1													2		
165.	Other acute poisonings	1															1		1															
166.	Conflagration	1																			1											1		
167.	Burns (conflagration excepted)	6			1	1	2		4												1		1									5		
168.	Absorption of deleterious gases (conflagration excepted)	1																		1												1		
169.	Accidental drowning	8	2											2			3	1		1	1											8		
170.	Traumatism by firearms																																	
171.	Traumatism by cutting or piercing instruments	1																				1										1		
172.	Traumatism by fall	22	5		1	1			2				1	2		2	2	1		1	1	2	3	2			2	1	13		18	9		
173.	Traumatism in mines and quarries																																	
174.	Traumatism by machines																																	
175.	Traumatism by other crushing (vehicles, railroad, landslides, etc.)	15	2			1	1	1	3	1	1	1	2	1	1	1	1	1	1	2	1										13	2		
176.	Injuries by animals	1																	1													1		
177.	Starvation																																	
178.	Excessive cold																																	
179.	Effects of heat																																	
180.	Lightning																																	
181.	Electricity (lightning excepted)	1															1															1		
182.	Homicide by firearms	3	2												2	1																3		
183.	Homicide by cutting or piercing instruments																																	
184.	Homicide by other means	3											2	1																			3	
185.	Fractures (cause not specified)	3															1				2											3		
186.	Other external violence	3	1	1	1				2				1																			2	1	
Totals of affections by external causes,		89	15	1	3	3	3	1	11	3	2	6	6	8	5	9	8	5	7	5	7	5	5	4	2			3	1	67	22			
XIV. Ill-defined Diseases.																																		
187.	Ill-defined organic disease																																	
188.	Sudden death	1																							1							1		
189.	Cause of death not specified or ill-defined	1																	1													1		
Totals of ill-defined diseases		2																	1							1						2		
Totals from all causes,		1068	118	180	66	18	16	12	232	21	10	25	20	40	40	63	62	55	74	61	66	73	48	43	22	20	8		544	509				

BOSTON WARD MAP.



CASES REPORTED.

Month ending May 31, 1911.

WARDS.	Anterior Polymyositis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Miliary).	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.
1						12					8			10					14			1	1	
2						7			1		31	3	1	7					13	4		5	4	
3						3					10			2					11	1		4	7	
4						4					31		2	2					6				2	
5						3					14			1					6				1	
6	1				1	14		1			92	2	10	8					21	3		7	7	
7						6					31	2	2	1					17	1		6	1	
8						5					62	5	12	11		1			17	2		18	8	
9						5					36		8	8					24	2		15	9	
10						9					32	2		1					9			5	3	
11					1	2					28		11	2					8	1		4	2	
12						12					21	3	2	5					12	1		5	1	
13	1				1	7					12	2	8	6		1			10	1		3	1	
14						11	1				40	1	4	6					13	1			3	
15						4					5	1	5	6					14	2		2	6	
16						10					31	1	1	2					6			3	2	
17					1	4					50	1	3	5					15	1		3	2	
18						1					35	2	6	5					21	1		1	1	
19						15					16	2	2	17					10			1	2	
20						25					78	3	7	10		1			17	1		8	2	
21						4					31	1	4	7					11	1		5	2	
22						1					43	1	1	6					10				1	
23						2					30	2		3					3			7	5	
24						9					72			1					12	3		6	2	
25						2					12	1	1	13					7	1		3	3	
Total.	2				4	177	1	1	1		854	35	90	145		3			307	27		112	78	
Unknown.																			7					
Non-residents.		1				9		1			8	1	4	25					14					
Grand Total.	2	1			4	186	1	2	1		859	36	94	170		3			328	27		112	78	
Corresponding month last year.	3				5	255	1		2		851		15	366	8	1			350	26		94		

NOTE.—Also one case of measles at quarantine. No cases at quarantine last year.

DEATHS REPORTED.

Month ending May 31, 1911.

WARDS.	TOTAL DEATHS FROM ALL CAUSES.	Anterior Polymyelitis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Miliary).	Other tubercular deaths.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.	Diarrhoea and Enteritis under 2 years.	Diarrhoea and Enteritis (2 years and over).	Pneumonia.	Pneumonia, Broncho.
1	34																			6	1					1		6	1	
2	36																			5							2	1	6	
3	16																			1									4	1
4	16														1					3									1	
5	10																			3	1									
6	50				1	1						3			1					2		1		1		1		7	8	
7	29											1								3	3						3		2	
8	45					3								1						3	3			1					3	2
9	39																			2	1							2	4	1
10	52											2		1						5			1						3	1
11	39																			2						2	1	4		
12	33					1														2	1								1	1
13	31																1				1			2				2	4	2
14	25																			2									2	1
15	38																			6				3					4	2
16	26											1								2			1					1	4	
17	42											4								4	1	1		1					7	1
18	51																			2	1			3		1			7	3
19	37					1						1		1						3	2			3				1	2	2
20	105					2														7	1					18			5	6
21	43											1								3									1	1
22	42													1						4	1								4	
23	21																			3				1					3	
24	45																			5						3	1			2
25	27													1						3									5	1
Total.	932				1	8					13			7		1				81	16	3		17		31	9	89	39	
Unknown.	8																			1										
Non-residents.	113	1				2								2						8	4			1					11	4
Grand Total.	1053	1			1	10					13			9		1				90	20	3		18		31	9	100	43	
Corresponding month last year.	943				2	15	1		1		25			13		1				116	23	7		1		14	7	62	29	

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

[illegible]

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	150	Cattle Condemned, 2 and Parts,	986 lbs.
Calves "	738	Calves " 11 . .	401 "
Sheep "	—	Sheep " . .	— "
Hogs "	3,187	Hogs " 9 and Parts,	2,828 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	MISCELLANEOUS.
Veal (tainted) . . . 363 lbs.	25 lbs.	Vegetables . . . 2 bush.
Mutton (tainted) . . . 32 "		Fruit . . . ½
Beef " . . . 420 "		Canned Goods . . . 18 Cans.
Pork " . . . 857 "		
Poultry " . . . 1,588		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	478
"	" " Wagons	628
"	" brought in by Citizens	57
"	" for bacteriological examination,	652
"	Vinegar	82
"	Butter and Cheese	54
	Total Samples,	1,949

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	128	1,808	GONORRHEA:	Positive	30	124
	Positive for release	114		Negative	94		
	Negative for diagnosis	1,298		Unsatisfactory	0		
	Negative for release	253					
	"No growth" cultures	15		Other examinations:* Positive	19		
					Negative	79	
					Unsatisfactory	0	98
TUBERCULOSIS:	Positive	100	534	BACTERIOLOGICAL MILK EXAMINATIONS			652
Negative	434						
Unsatisfactory	0						
TYPHOID:	Positive	10	152	Total			3,400
	Negative	138					
	Atypical	4		SPECIAL WORK:	Disinfection work. Longevity of tubercle bacilli in sputum.		
GLANDERS:	Positive	9	32				
	Negative	21					
	Unsatisfactory	2					

* Ophthalmia; Malaria; G-U T.B.; Leprosy; Typhoid Conradi; Organisms; K-L Vir.; Spirochaetae Pallida; B. Coll.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of May, 1911, as reported by J. W. SMITH, D. F. O., Weather Bureau.

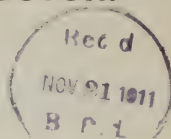
DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.68	64	88	S.W.	*T	Mean Barometer, 30.03
2	29.62	56	79	W.	*T	Highest Barometer, 30.43 on the 14th.
3	29.96	43	62	W.	0	Lowest Barometer, 29.51 on the 2d.
4	30.16	44	58	W.	0	Monthly Range of Barometer, 0.92.
5	30.26	53	50	W.	0	Mean Temperature, 62.4°.
6	30.28	57	50	W.	0	Highest Temperature, 92° on the 22d.
7	30.14	66	36	W.	0	Lowest Temperature, 33° on the 4th.
8	30.05	70	42	S.W.	.10	Monthly Range of Temperature, 59.
9	29.68	61	82	S.W.	.01	Greatest Daily Range of Temperature, 31° on the 7th.
10	29.77	65	39	S.E.	0	Least Daily Range of Temperature, 6° on the 24th.
11	29.92	70	53	S.W.	0	Mean Daily Range of Temperature, 19.3°.
12	29.98	72	62	S.W.	*T	Mean Daily Dew-point, 50°.
13	30.12	68	61	W.	0	Mean Daily Relative Humidity, 69.
14	30.41	54	51	E.	0	Prevailing Direction of Wind, Southwest.
15	30.16	60	52	S.W.	*T	Total Movement of Wind, 7,639 miles.
16	30.00	67	64	W.	*T	Highest Velocity of Wind and Direction,—34 miles from NW. on the 2d.
17	30.04	64	76	S.W	0	Number of Foggy Days, 1.
18	29.83	69	73	SW.W.	*T	Number of Fair Days, 8.
19	30.03	58	95	E.	*T	Number of Clear Days, 11.
20	30.12	58	90	E.	0	Number of Cloudy Days, 12.
21	30.10	76	80	S.W.	0	Total Number of Days on which Rain or Snow fell, 5.
22	30.02	80	69	W	0	Depth of Unmelted Snow on ground at end of month, none.
23	30.25	64	86	N.E.	0	Dates of Auroras, none.
24	30.14	53	90	E.	.05	Dates of Lunar Halos, none.
25	29.96	57	94	E.	.17	Dates of Solar Halos, none.
26	30.08	58	90	N.E.N.	*T	Thunder Storms, 19th and 24th.
27	30.13	60	77	N.	0	Dates of Frosts, 4th.
28	30.14	72	62	S.W.	0	Mean Maximum Temperature, 72.1
29	30.04	76	62	S.W.	0	Mean Minimum Temperature, 52.8
30	30.15	65	75	E.	0	MEAN TEMPERATURE for this month in
31	30.04	60	95	E.	.02	Total Precipitation for this Month in inches
TOTALS.....					0.35	
MEANS.....	30.04	62.5	69.1	S.W.	0.01	
						1871 58 1871 4.34
						1872 59 1872 3.29
						1873 57 1873 5.16
						1874 55 1874 3.71
						1875 58 1875 3.76
						1876 55 1876 2.70
						1877 55 1877 3.38
						1878 56 1878 1.03
						1879 60 1879 0.97
						1880 64 1880 1.63
						1881 57 1881 4.16
						1882 51 1882 6.05
						1883 56 1883 5.11
						1884 55 1884 3.31
						1885 53 1885 4.26
						1886 57 1886 3.08
						1887 60 1887 1.67
						1888 53 1888 5.20
						1889 60 1889 4.15
						1890 57 1890 4.48
						1891 56 1891 1.56
						1892 56 1892 5.15
						1893 56 1893 5.23
						1894 58 1894 4.12
						1895 60 1895 2.71
						1896 60 1896 1.68
						1897 58 1897 4.00
						1898 56 1898 4.33
						1899 58 1899 0.81
						1900 55 1900 5.97
						1901 54 1901 6.31
						1902 58 1902 1.07
						1903 58 1903 0.32
						1904 61 1904 3.38
						1905 58 1905 1.47
						1906 58 1906 4.91
						1907 52 1907 3.12
						1908 59 1908 3.78
						1909 56 1909 2.33
						1910 58 1910 1.02
						1911 62 1911 0.35

Average mean temperature for 41 years, 57°.

Average monthly precipitation for 41 years, 3.51 inches.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of June, 1911.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of June, 1911	789
Population estimated at 688,912	Rate per 1,000 inhabitants, 13.93
Deaths of non-residents, 80	*Corrected rate per 1,000 inhabitants, 12.52

Total number 789

SEX.

Males 409

Females 380

CONDITION.

Single 369

Married 265

Widowed 141

Divorced 5

Unknown 9

COLOR.

White 765

Black (Negro or mixed) 23

Chinese 1

Total deaths of children, { Under 1 year 129

 { Under 2 years 159

 { Under 5 years 196

NATIVITY.

United States 485

Ireland 127

England and Wales 22

Scotland 9

Germany 15

Canada 58

Italy 12

Russia and Poland 25

Sweden and Norway 6

France —

Other Countries 16

Unknown 14

NATIVITY OF MOTHERS.

United States 222

Ireland 247

England and Wales 22

Scotland 16

Germany 26

Canada 62

Italy 45

Russia and Poland 49

Sweden and Norway 7

France 8

Other Countries 29

Unknown 61

Still-births during the month 57

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	AGE.																										SEX.	
	Deaths of non-residents.																										Males.	Females.
	Total Mortality for June, 1911.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
General Diseases.																												
1. Typhoid fever	3	1							1	1		1														2	1	
2. Typhus fever																												
3. Relapsing fever																												
4. Malaria	1																	1										
(a) Malarial cachexia*																												
5. Smallpox																												
6. Measles	13	3	1	5	4	1	2	13																		3	10	
7. Scarlet fever	5	2	1			1	2	4	1																	1	4	
8. Whooping cough	7		3	2	1	1		7																		6	1	
9. Diphtheria and croup	6	1	1	1				2	2	2																2	4	
10. Influenza	1																	1								1		
11. Miliary fever																												
12. Asiatic cholera																												
13. Cholera nostras																												
14. Dysentery	1																		1								1	
15. Plague																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	3	1	1	1				2													1					2	1	
19. Other epidemic diseases																												
20. Purulent infection and septicemia	2	1													1			1									2	
21. Glanders																												
22. Anthrax																												
23. Rabies																												
24. Tetanus	1	1								1																	1	
25. Mycoses																												
26. Pellagra																												
27. Beriberi																												
28. Tuberculosis of the lungs	83	3			1	1	2	1	2	9	8	7	9	12	11	7	5	3	5	1			1			52	31	
29. Acute miliary tuberculosis	1										1															1		
30. Tuberculous meningitis	13	2	1	2	3	1	1	8	1		1	2						1								5	8	
31. Abdominal tuberculosis	2	1	1					1				1														1	1	
32. Pott's disease																												
33. White swelling																												
34. Tuberculosis of other organs	1																	1								1		
35. Disseminated tuberculosis																												
36. Rickets																												
37. Syphilis	2		2					2																			2	
38. Gonococcus infection																												
39. Cancer and other malignant tumors of the buccal cavity	2																		1	1						2		
40. Cancer and other malignant tumors of the stomach, liver	21	2												2	1	3	6	3	2	3		1				10	11	
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	5	1																1	1	2		1				4	1	
42. Cancer and other malignant tumors of the female genital organs	10	1													2		3	2	3							10		
43. Cancer and other malignant tumors of the breast	7	1													1		1	1	2	1			1			7		
44. Cancer and other malignant tumors of the skin																												
45. Cancer and other malignant tumors of other organs and of organs not specified	15	2										1			3		2	2		4	1	1	1			10	5	

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1911. Deaths of non-residents.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
46 Other tumors (tumors of the female genital organs excepted)																												
47. Acute articular rheumatism																												
48. Chronic rheumatism and gout	1																			1								
49. Scurvy																												
50. Diabetes	8	2							1	2							1		2				1	1			4	4
51. Exophthalmic goitre																												
52. Addison's disease																												
53. Leuchæmia	1														1												1	
54. Anæmia, chlorosis	4	1		1			1			1									1	1						1	3	
55. Other general diseases																												
56. Alcoholism (acute or chronic)	8	1											1	2	1	2	1			1						6	2	
57. Chronic lead poisoning	1																		1								1	
58. Other chronic occupation poisonings																												
59. Other chronic poisonings	1																	1									1	
Totals of general diseases	229	27	11	10	11	5	5	42	5	6	13	11	12	10	17	14	21	15	21	11	4	4	4			118	111	
II. Diseases of the Nervous System and of the Organs of Special Sense.																												
60. Encephalitis	1	1		1			1																				1	
61. Meningitis {	3		1	1		1	3																			2	1	
	2		1			1								1												2		
62. Locomotor ataxia	1																		1							1		
63. Other diseases of the spinal cord																												
(a) Acute Anterior Poliomyelitis*																												
64. Cerebral hemorrhage, apoplexy	45	2													2	1	3	8	9	9	5	5	2	1		21	24	
65. Softening of the brain																												
66. Paralysis without specified cause	4																			1	1	1		1		1	3	
67. General paralysis of the insane	2														2												2	
68. Other forms of mental alienation	1																	1									1	
69. Epilepsy																												
70. Convulsions (non-puerperal)																												
71. Convulsions of infants	1	1				1																					1	
72. Chorea																												
73. Neuralgia and Neuritis	1																1										1	
74. Other diseases of the nervous system	7	1				1	1		1					1		1				1	1					5	2	
75. Diseases of the eyes and their annexa	2	1	1			1														1						1	1	
76. Diseases of the ears	2	2								1					1												1	1
Totals of nervous system, etc.,	72	6	3	2	2	1	8	1	2						6	3	5	8	10	11	7	7	2	2		34	38	
III. Diseases of the Circulatory System.																												
77. Pericarditis	3	1								1		1	1													2	1	
78. Acute endocarditis	9	2		1		1	1		1			1	1	1	1		1	1								6	3	
79. Organic diseases of the heart	77	6						2	3	2		2	2	2	4	5	5	4	19	19	8	6	6	5	1	38	39	
80. Angina pectoris																												
81. Diseases of the arteries, atheroma, aneurism, etc.	14	2									1		1	1			1	3				2	2	1	2	7	7	
82. Embolism and thrombosis	3	1															1	1		1						2	1	

* Deaths under italicized headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1911.		Deaths of Non-residents.		AGE.																				SEX.							
					Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory System.—Concluded.																																
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	1													1																1		
84. Diseases of the lymphatic system (lymphangitis, etc.)	2	2							2																					1	1	
85. Haemorrhage; other diseases of the circulatory system.																																
Totals of circulatory system	109	13	2	1		3	3	3	3	1	4	4	5	6	6	6	7	14	11	8	8	8	6	3					57	93		
IV. Diseases of the Respiratory System.																																
86. Diseases of the nasal fossae																																
87. Diseases of the larynx	2	2							2																						2	
88. Diseases of the thyroid body																																
89. Acute bronchitis	6	2	3			5													1										2	4		
90. Chronic bronchitis																																
91. Broncho-pneumonia	23	10	1	3		14	1						2	1					2	1	1				1				11	12		
92. Pneumonia	46	3	8	4	1	1	1	15			1		1		2	3	3	3	3	3	3	2	3			1	1	2	22	24		
93. Pleurisy	2		2			2																									2	
94. Pulmonary congestion, pulmonary apoplexy																																
95. Gangrene of the lung																																
96. Asthma	1																			1										1		
97. Pulmonary emphysema																																
98. Other diseases of the respiratory system (tuberculosis excepted)																																
Totals of respiratory system	80	3	22	10	4	1	1	38	1	1		1	4	3	4	3	3	3	5	5	4				1	2	2		36	44		
V. Diseases of the Digestive System.																																
99. Diseases of the mouth and annexa																																
100. Diseases of the pharynx	7		1			1								2	1						1	1			1				2	5		
101. Diseases of the œsophagus																																
102. Ulcer of the stomach	4												1				1				1	1							3	1		
103. Other diseases of the stomach (cancer excepted)	2														1						1										2	
104. Diarrhoea and enteritis (under two years)	28	26	2					28																						16	19	
105. Diarrhoea and enteritis (two years and over)	3			1	1		2															1							1	2		
106. Ankylostomiasis																																
107. Intestinal parasites																																
108. Appendicitis and typhlitis	10	8							1			1	1		1	1	1		2	2									5	5		
109. Hernia, intestinal obstruction	11	1	2				2							1		1	1				1	1	3	1					5	6		
110. Other diseases of the intestine																																
111. Acute yellow atrophy of the liver																																
112. Hydatid tumor of the liver																																
113. Cirrhosis of the liver	7														1			1	3		1		1						3	4		
(a.) Due to alcoholism*	3															1		1	1		1								2	1		
114. Biliary calculi	4	1											1			1							1	1					1	3		
115. Other diseases of the liver	1																				1									1		
116. Diseases of the spleen																																
117. Simple peritonitis (non-puerperal)	6	2	1	2			3						1				1	1											4	2		
118. Other diseases of the digestive system (cancer and tuberculosis excepted)																																
Totals of digestive system	83	7	29	5	1	1	36		1				4	4	3	3	4	3		6	5	5	5	3	1				41	42		

* Deaths under italicized headings are included in those of the main heading.

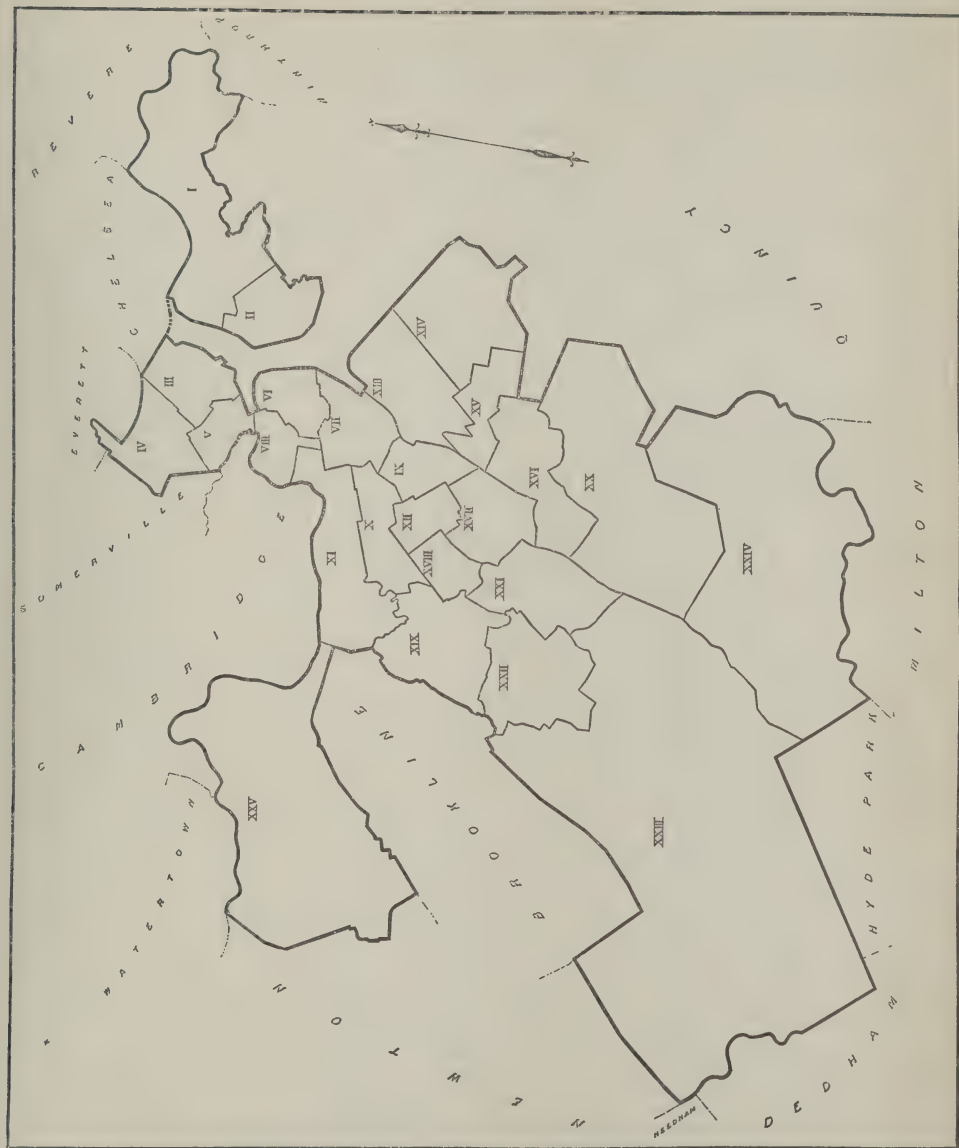
MONTHLY STATEMENT OF DEATHS.

		AGE.																				SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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VI. Non-venereal Diseases of the Genito-Urinary System and Annexa.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for Deaths in Ill. Dwelling non-residents.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
XI. Diseases of Early Infancy.—Concluded.																												
153. Lack of care																												
Totals of early infancy	47	3	47				47																				26	21
XII. Old Age.																												
154. Senility	4																	1				2	1			1	3	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	5	1							1	2	1						1									4	1	
156. Suicide by asphyxia	1	1													1												1	
157. Suicide by hanging or strangulation .																												
158. Suicide by drowning	1														1												1	
159. Suicide by firearms	3	2										1					2										3	
160. Suicide by cutting or piercing instru- ments	1											1															1	
161. Suicide by jumping from a high place .																												
162. Suicide by crushing																												
163. Other suicides																												
164. Poisoning by food																												
165. Other acute poisonings	3							1									1		1							1	2	
166. Conflagration	2													1	1												1	1
167. Burns (conflagration excepted) . . .	3		1	1	2						1																1	2
168. Absorption of deleterious gases (con- flagration excepted)	1									1																		1
169. Accidental drowning	7	1							1	1	3	1		1													7	
170. Traumatism by firearms																												
171. Traumatism by cutting or piercing in- struments																												
172. Traumatism by fall	17	2	1				1	1			2	1	1	1	1	1	2				1	2	3				11	6
173. Traumatism in mines and quarries .																												
174. Traumatism by machines																												
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)	7	1		1			1	1			2	2					1										7	
176. Injuries by animals																												
177. Starvation																												
178. Excessive cold																												
179. Effects of heat																												
180. Lightning																												
181. Electricity (lightning excepted) . . .																												
182. Homicide by firearms	1													1													1	
183. Homicide by cutting or piercing instru- ments																												
184. Homicide by other means	2	1															1	1									2	
185. Fractures (cause not specified) . . .																												
186. Other external violence	2			1	1										1												2	
Totals of affections by external causes,	56	9	2	1	2		5	3	1	3		8	5	6	6	3	4	1	5			1	2	3			41	15
XIV. Ill-defined Diseases.																												
187. Ill-defined organic disease																												
188. Sudden death	1																	1									1	
189. Cause of death not specified or ill- defined	4												1		2		1										2	2
Totals of ill-defined diseases	5													1	2		2										3	2
Totals from all causes,	789	80	129	80	21	9	7	196	14	13	22	15	23	32	42	49	42	51	44	74	49	84	29	26	18	7	409	380

BOSTON WARD MAP.



CASES REPORTED.

Month ending June 30, 1911.

WARDS.	Anterior Polymyositis.	Arthromyositis.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pusillule.	Measles.	Mumps.	Opthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Miliary).	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.
1					1	7				1	8			5					4	6		3	9	
2						18					28	2	4	11					18	7		5	9	
3						2					19	1	1	2					8					
4						4					11	1		2					2				1	
5											7	2	1						1					
6						18					47		6	2					13	2		9	5	
7						1					9		6						19	4		2	4	
8	1					23			1		28	4	8	8					18	1		6	9	
9					1	5					15	1	7	3					23	3		3	8	
10						3					17	2							7	1			1	
11						1					18		4	1					4			2		
12						5			1		13	1	5	5					16	1		9	1	
13						26					5	1	12						11				4	
14						7					22		2	9					13	3		2	6	
15						10					12			1					9			1	1	
16						11					28	1	1	3					8			3	1	
17						10					12		1	3					10				2	
18						3					45		3	4					8	1		1	7	
19						10					8	2	3	9					9	1				
20						20					28		2	6					13	2		9	3	
21						7					19	1	1	2					15	3		4		
22						2					33	2		8					8	1		1		
23						4			1		16			1					8	2		3		
24						8					23	2	2	2					6			4	3	
25						7					15	1		12					5			9	3	
Total,	1				2	212			3	1	486	24	69	99					256	38		76	77	
Unknown,											2		1						4				1	
Non-residents,						10					1		5	14		1	2		13	1				
Grand Total,	1				2	222			3	1	489	24	75	113		1	2		273	39		76	78	
Corresponding month last year	5	1			7	189			2		756		16	187	8	3			370	28		86		

NOTE.—Also two cases of measles at quarantine. One case of measles and one case of scarlet fever at quarantine last year.

DEATHS REPORTED.

Month ending June 30, 1911.

WARDS.	TOTAL DEATHS FROM ALL CAUSES.	Anterior Polymyositis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Eustule.	Measles.	Mumps.	Opthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinella.	Tuberculosis (Pulmonary and Miliary).	Other tubercular deaths.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.	Diarrhea and Enteritis (under 2 years).	Diarrhea and Enteritis (2 years and over).	Fractures.	Pneumonia, Broncho.
1	28						1													1				1					3	
2	38						1					2								3	2								4	2
3	16																			3									1	2
4	15														1					3	1								1	
5	13																			5									1	
6	44				1	1						5			1					4				3			1	1	3	6
7	23																			4	2								2	2
8	29					1									1					1									3	
9	29									1										5				1		1			3	
10	23																			4	1	1								
11	22																			1									2	
12	22																			1						1			1	
13	20																			2	1			2		1		3	2	
14	27																			3	1							1	1	1
15	29																			7						1		2	2	
16	23					1						1								2						1				
17	27																			1						1		2	2	
18	23																			5		1				1			1	
19	29																			4	1								2	
20	68											1								4						16			6	
21	39											1								4	2					2			2	
22	27				1															4						1	1	1		
23	26																			2	1					1			1	
24	39																			6									1	1
25	21																			2	1									
Total,	700					2	5			1		10			3					81	13	2			7		28	3	43	23
Unknown.	9																													
Non-residents,	80						1					3			2		1			3	3	1								3
Grand Total,	789					2	6			1		13			5		1			84	16	3			7		28	3	46	23
Corresponding month last year	825	1			6	11						7			4		2			80	17	1			4		18	6	33	38

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

	CAUSES OF DEATH.	Ward Residence.	Date of death.	Additional deaths. Deaths of non residents.	AGE.	Nativity.	Condition.	Color.	Sex
					Under 1 year.				
					1 years and under 2 years.				
					2 years and under 3 years.				
					3 years and under 4 years.				
					4 years and under 5 years.				
					Total under 5 years.				
					5 years and under 10 years.				
					10 years and under 15 years.				
					15 years and under 20 years.				
					20 years and under 25 years.				
					25 years and under 30 years.				
					30 years and under 35 years.				
					35 years and under 40 years.				
					40 years and under 45 years.				
					45 years and under 50 years.				
					50 years and under 55 years.				
					55 years and under 60 years.				
					60 years and over.				
					Total.				
					Males.				
					Females.				

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	173	Cattle Condemned, 3 and Parts,	1,079 lbs.
Calves "	574	Calves " 1	85 "
Sheep "	—	Sheep "	— "
Hogs "	3,986	Hogs " 2 and Parts,	2,803 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (tainted)	. .	191 lbs.
Mutton	" . .	16 "
Beef	" . .	757 "

MISCELLANEOUS.

Fruit (tainted) . . . 14 Cans.

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	331
"	" " Wagons	423
"	" brought in by Citizens	46
"	" for bacteriological examination,	632
"	Vinegar	78
"	Butter and Cheese	30
	Total Samples,	1,540

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis . . .	152	
	Positive for release . . .	100	
	Negative for diagnosis . . .	854	
	Negative for release . . .	358	
	"No growth" cultures . . .	9	1,473
TUBERCULOSIS:	Positive	83	
	Negative	296	
	Unsatisfactory	0	379
TYPHOID:	Positive	12	
	Negative	111	
	Atypical	3	126
GLANDERS:	Positive	12	
	Negative	13	
	Unsatisfactory	3	28

GONORRHEA:	Positive	80	
	Negative	56	
	Unsatisfactory	0	86
Other examinations:*	Positive	20	
	Negative	97	
	Unsatisfactory	1	118
BACTERIOLOGICAL MILK EXAMINATIONS	. . . .		681
“ ICE “	. . . .		46
Total			2,887
SPECIAL WORK:	Investigation of the complement fixation test for glanders; disinfection work; longevity of tubercle bacilli in sputum; inspection of ice.		

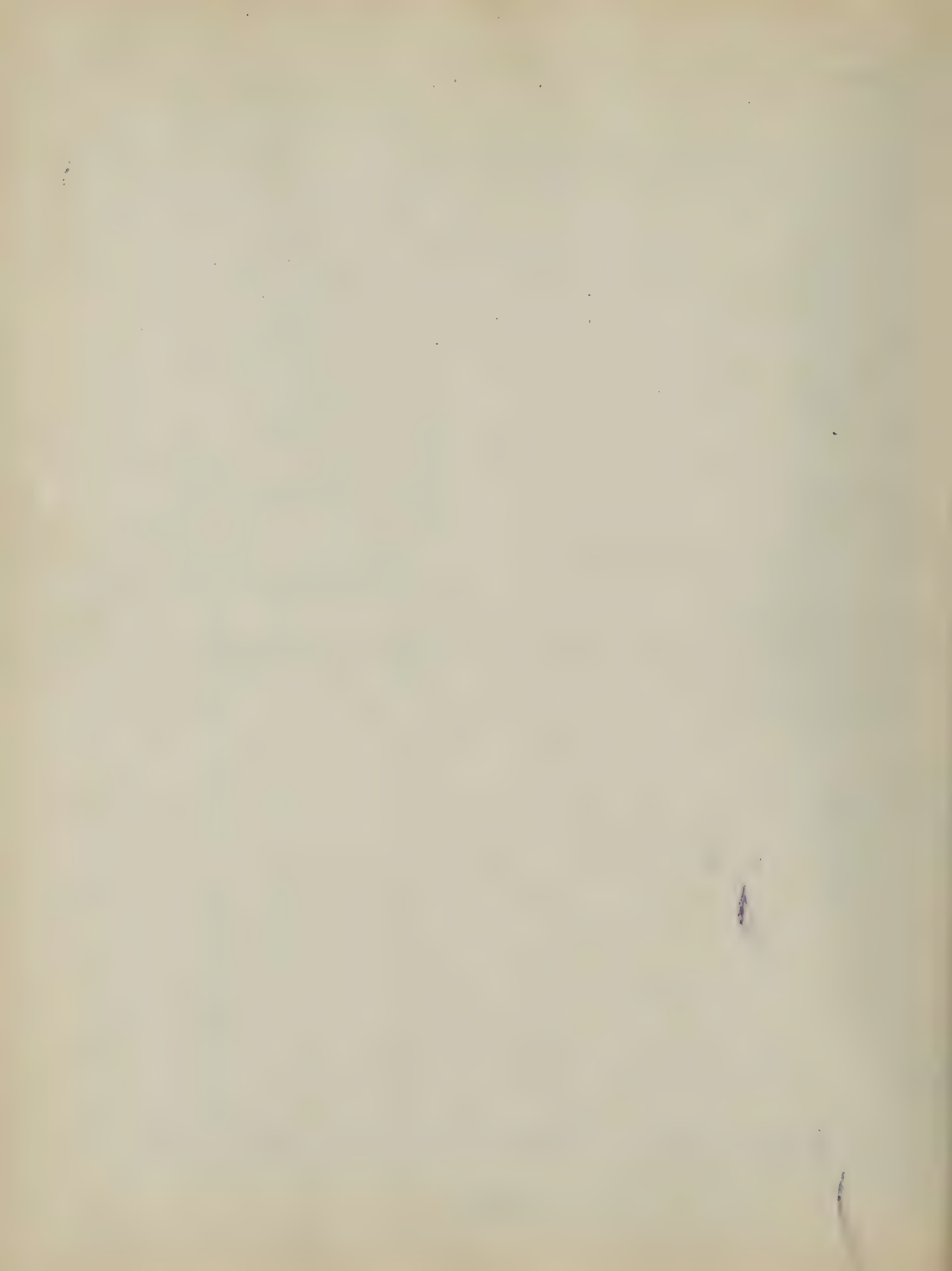
* Pneumonia, B. Coll, Organisms, Paratyphoid, K-L Vir., Malaria, Ophthalmia, Complement Fixation, G-U T.B., Rabies.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

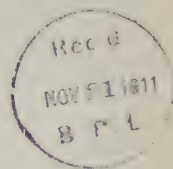
For the month of June, 1911, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.66	68	82	W.	.04	Mean Barometer, 29.92
2	29.90	68	60	W.	0	Highest Barometer, 30.24 on the 7th.
3	30.14	67	58	S.W.	0	Lowest Barometer, 29.56 on the 14th.
4	30.22	66	56	N.W. & S.E.	0	Monthly Range of Barometer, 6.68.
5	30.18	60	84	E.	*T	Mean Temperature, 65.6°.
6	30.16	50	97	E.	.77	Highest Temperature, 86° on the 19th.
7	30.22	57	95	N.E.	.77	Lowest Temperature, 50° on the 13th.
8	30.14	62	64	N.	0	Monthly Range of Temperature, 36.
9	29.96	63	60	N.W.	0	Greatest Daily Range of Temperature, 26° on the 2d.
10	29.82	76	70	W.	.20	Least Daily Range of Temperature, 2° on the 6th.
11	29.88	60	92	E.	0	Mean Daily Range of Temperature, 15.3°.
12	29.90	55	98	N.E.	.08	Mean Daily Dew-point, 56.4°.
13	29.77	54	98	N.	1.62	Mean Daily Relative Humidity, 74.8.
14	29.58	66	82	W.	*T	Prevailing Direction of Wind, West.
15	29.64	67	81	W.	*T	Total Movement of Wind, 6,900 miles.
16	29.71	64	79	W.	.15	Highest Velocity of Wind and Direction,— 31 miles from west on the 1st.
17	29.82	66	65	W.	0	Number of Foggy Days, 6.
18	29.85	68	68	W.	0	Number of Fair Days, 8.
19	29.86	74	63	W.	0	Number of Cloudy Days, 14.
20	29.73	70	64	W. & N.W.	.04	Total Number of Days on which Rain or Snow fell, 8.
21	29.88	63	54	N.W.	0	Depth of Unmelted Snow on ground at end of month, none.
22	29.85	68	66	W.	*T	Dates of Auroras, none.
23	29.84	71	57	N.W.	0	Dates of Lunar Halos, none.
24	30.12	67	56	N.W.	0	Dates of Solar Halos, none.
25	30.22	65	67	W. & S.	*T	Thunder Storms, 12th, 13th, 16th, 20th.
26	30.11	62	91	E.	*T	Dates of Frosts, none.
27	29.92	66	96	E.	0	Mean Maximum Temperature, 73.2.
28	29.86	74	50	S.W.	*T	Mean Minimum Temperature, 57.9.
29	30.00	74	72	E.	0	MEAN TEMPERATURE for this month in
30	30.08	68	74	E.	0	Total Precipitation for this Month in inches
31	—	—	—	—	—	
TOTALS.....					3.67	
MEANS.....	29.93	65.7	74.0	W.	0.12	
						1871 66
						1872 69
						1873 67
						1874 68
						1875 67
						1876 69
						1877 67
						1878 65
						1879 65
						1880 69
						1881 62
						1882 67
						1883 70
						1884 67
						1885 67
						1886 63
						1887 65
						1888 67
						1889 69
						1890 64
						1891 65
						1892 70
						1893 65
						1894 69
						1895 67
						1896 66
						1897 62
						1898 66
						1899 70
						1900 69
						1901 68
						1902 64
						1903 60
						1904 64
						1905 63
						1906 66
						1907 65
						1908 70
						1909 69
						1910 65
						1911 66

Average mean temperature for 41 years, 65.8°. Average monthly precipitation for 41 years, 3.63 inches. *T indicates trace of precipitation.



HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of July, 1911.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of July, 1911	1,270
Population estimated at 688,912	Rate per 1,000 inhabitants, 21.71
Deaths of non-residents, 145	*Corrected rate per 1,000 inhabitants, 19.23

Total number 1,270

SEX.

Males 729
Females 541

CONDITION.

Single 645
Married 361
Widowed 224
Divorced 2
Unknown 38

COLOR.

White 1,234
Black (Negro or mixed) 32
Chinese 4

Total deaths of children, {
 Under 1 year 280
 Under 2 years 333
 Under 5 years 379

NATIVITY.

United States 719
Ireland 272
England and Wales 33
Scotland 8
Germany 19
Canada 76
Italy 31
Russia and Poland 30
Sweden and Norway 14
France 3
Other Countries 16
Unknown 49

NATIVITY OF MOTHERS.

United States 296
Ireland 442
England and Wales 36
Scotland 12
Germany 22
Canada 109
Italy 84
Russia and Poland 71
Sweden and Norway 17
France 4
Other Countries 28
Unknown 149
Still-births during the month 57

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

CAUSES OF DEATH	Total Mortality for July, 1911.		AGE.																								SEX.			
	Deaths of non-residents.		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
General Diseases.																														
1. Typhoid fever	4	2									1		2	1															4	
2. Typhus fever																														
3. Relapsing fever																														
4. Malaria																														
(a) Malarial cachexia*																														
5. Smallpox																														
6. Measles	5	1		3	1			5																				3	2	
7. Scarlet fever	4			3	1			4																				2	2	
8. Whooping cough	6	3	2		1			6																				3	3	
9. Diphtheria and croup	11	1	6	1	1			8	2				1															6	5	
10. Influenza																														
11. Miliary fever																														
12. Asiatic cholera	1														1													1		
13. Cholera nostras	2														1							1						2		
14. Dysentery	2																						1	1				1	1	
15. Plague																														
16. Yellow fever																														
17. Leprosy																														
18. Erysipelas	2															1		1										2		
19. Other epidemic diseases	1	1						1																				1		
20. Purulent infection and septicemia	3	1	1		1			2														1						2	1	
21. Glanders																														
22. Anthrax																														
23. Rabies																														
24. Tetanus	1												1															1		
25. Mycoses	1	1													1													1		
26. Pellagra																														
27. Beriberi																														
28. Tuberculosis of the lungs	74	9	1		2	2	5	1	1	6	12	11	5	9	10	2	5	3	2	2								39	35	
29. Acute miliary tuberculosis	2										1					1												2		
30. Tuberculous meningitis	11	2	3	3	2			8	1		1	1																7	4	
31. Abdominal tuberculosis	2	1	1		1			2																				1	1	
32. Pott's disease																														
33. White swelling	1										1																	1		
34. Tuberculosis of other organs	2													1				1										2		
35. Disseminated tuberculosis																														
36. Rickets	1	1		1				1																				1		
37. Syphilis	7	2	6	1				7																					7	
38. Gonococcus infection																														
39. Cancer and other malignant tumors of the buccal cavity	4													1				1	1		1						3	1		
40. Cancer and other malignant tumors of the stomach, liver	13	2											1			3	3	1	1	1	1		2				9	4		
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	12	2																2	2	4	2	1	1				6	6		
42. Cancer and other malignant tumors of the female genital organs	6	2												1	2			1	1		1						6			
43. Cancer and other malignant tumors of the breast	6													1	1	1				1	1	1					6			
44. Cancer and other malignant tumors of the skin	1	1																		1								1		
45. Cancer and other malignant tumors of other organs and of organs not specified	11	4							1			1					1	2	1	1	1	2	1	1			9	2		

*Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1911.	Deaths of non-residents.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																														
46. Other tumors (tumors of the female genital organs excepted)																														
47. Acute articular rheumatism	6						2	2	1	1		1		1														3	3	
48. Chronic rheumatism and gout	1																				1									
49. Scurvy																														
50. Diabetes	16	1		1				1						1	1	2	1	2			3	3	2					10	6	
51. Exophthalmic goitre	1										1																	1		
52. Addison's disease	1																1											1		
53. Leuchæmia																														
54. Anæmia, chlorosis	6	1												2	1				1	2								2	4	
55. Other general diseases																														
56. Alcoholism (acute or chronic)	18	2									1			4	3	4	3	2			1							13	5	
57. Chronic lead poisoning																														
58. Other chronic occupation poisonings																														
59. Other chronic poisonings	1										1																	1		
Totals of general diseases	246	35	23	12	8	5	4	52	5	3	10	17	16	14	19	22	13	18	14	11	14	10	4	4				132	114	
II. Diseases of the Nervous System and of the Organs of Special Sense.																														
60. Encephalitis	1												1															1		
61. Meningitis {	10	2	6	3					9	1																		5	5	
	3		1				1	2		1																		3		
	1		1					1																				1		
62. Locomotor ataxia	2	1																1		1								2		
63. Other diseases of the spinal cord	3																			1	1	1					1	2		
(a) Acute Anterior Poliomyelitis*																														
64. Cerebral hemorrhage, apoplexy	62	3										1	1	2		4	3	5	7	8	10	8	9	3	1		22	49		
65. Softening of the brain																														
66. Paralysis without specified cause	6																2	1			1	1					2	3		
67. General paralysis of the insane	3												1			1	1										2	1		
68. Other forms of mental alienation	2															1							1							
69. Epilepsy	1								1																			1		
70. Convulsions (non-puerperal)																														
71. Convulsions of infants	1		1					1																				1		
72. Chorea																														
73. Neuralgia and Neuritis	3	1															1				1		1				1	2		
74. Other diseases of the nervous system	5	1			1			1										1	2	1								5		
75. Diseases of the eyes and their annexa	1			1				1																				1		
76. Diseases of the ears	2	2											1								1							2		
Totals of nervous system, etc.,	105	10	9	4	1		1	15	2	1			3	2	2	1	8	7	8	10	11	11	11	9	3	1	40	65		
III. Diseases of the Circulatory System.																														
77. Pericarditis																														
78. Acute endocarditis	2								1							1												1	1	
79. Organic diseases of the heart	122	9	1		2			3			3	4	4	3	2	4	6	11	13	18	15	17	13	5	1		63	59		
80. Angina pectoris	2													1											1		1	1		
81. Diseases of the arteries, atheroma, aneurism, etc.	15																	1		1	1	3	2	5		2	9	6		
82. Embolism and thrombosis	3	2														1						1						2		

*Deaths under Italicized headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1911.	Deaths of non-residents.	AGE.																												SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.				
III. Diseases of the Circulatory System.—Concluded.																																
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	1																		1										1			
84. Diseases of the lymphatic system (lymphangitis, etc.)	2	2						2																						2		
85. Hemorrhage; other diseases of the circulatory system																																
Totals of circulatory system	147	11	3		2			5	1		3	4	4	4	2	6	7	13	13	19	16	21	15	10	2	2	77	70				
IV. Diseases of the Respiratory System.																																
86. Diseases of the nasal fossae																																
87. Diseases of the larynx																																
88. Diseases of the thyroid body	1																													1		
89. Acute bronchitis	5	1	1	1			1	4		1																			3	2		
90. Chronic bronchitis	1																								1				1			
91. Broncho-pneumonia	27	2	18	2	3			23										1		1	1		1					14	13			
92. Pneumonia	49	3	11	4	4			19	1	1		1	3			3	5	1	1	5	2	2	3		1	1	28	21				
93. Pleurisy	4	1	1	1		1		3													1							3	1			
94. Pulmonary congestion, pulmonary apoplexy	1																			1								1				
95. Gangrene of the lung																																
96. Asthma																																
97. Pulmonary emphysema																																
98. Other diseases of the respiratory system (tuberculosis excepted)																																
Totals of respiratory system	88	6	31	8	8	1	1	49	1	2		1	3			3	5	2	1	7	4	3	4	1	1	1	48	40				
V. Diseases of the Digestive System.																																
99. Diseases of the mouth and annexa																																
100. Diseases of the pharynx	3	1										1				1		1										2	1			
101. Diseases of the œsophagus	1	1													1													1				
102. Ulcer of the stomach	1											1																1				
103. Other diseases of the stomach (cancer excepted)	6											1					1			1				3				2	4			
104. Diarrhea and enteritis (under two years)	135	20	114	21				135																				78	57			
105. Diarrhea and enteritis (two years and over)	15	2			3		3		1							1	1		2	1		5			1		10	5				
106. Ankylostomiasis																																
107. Intestinal parasites																																
108. Appendicitis and typhilitis	13	4							1		1	1	3	1	1	2		1	1			1						9	4			
109. Hernia, intestinal obstruction	13	5	2		1		3						1	2	1	2			1	2			1					5	8			
110. Other diseases of the intestine	3																	1		1		1						3				
111. Acute yellow atrophy of the liver																																
112. Hydatid tumor of the liver																																
113. Cirrhosis of the liver	3																	1		1	1							2	1			
(a.) Due to alcoholism*	2																	1		1								2				
114. Biliary calculi																																
115. Other diseases of the liver	5	1														1		1	1			1			1			2	3			
116. Diseases of the spleen																																
117. Simple peritonitis (non-puerperal)	3	1					1							1								1						3				
118. Other diseases of the digestive system (cancer and tuberculosis excepted)	1										1																	1				
Totals of digestive system	202	34	117	21	4			142	1	1	2	2	6	4	3	5	5	4	6	4	3	2	7	3	1	1	116	86				

* Deaths under italicized headings are included in those of the main heading.

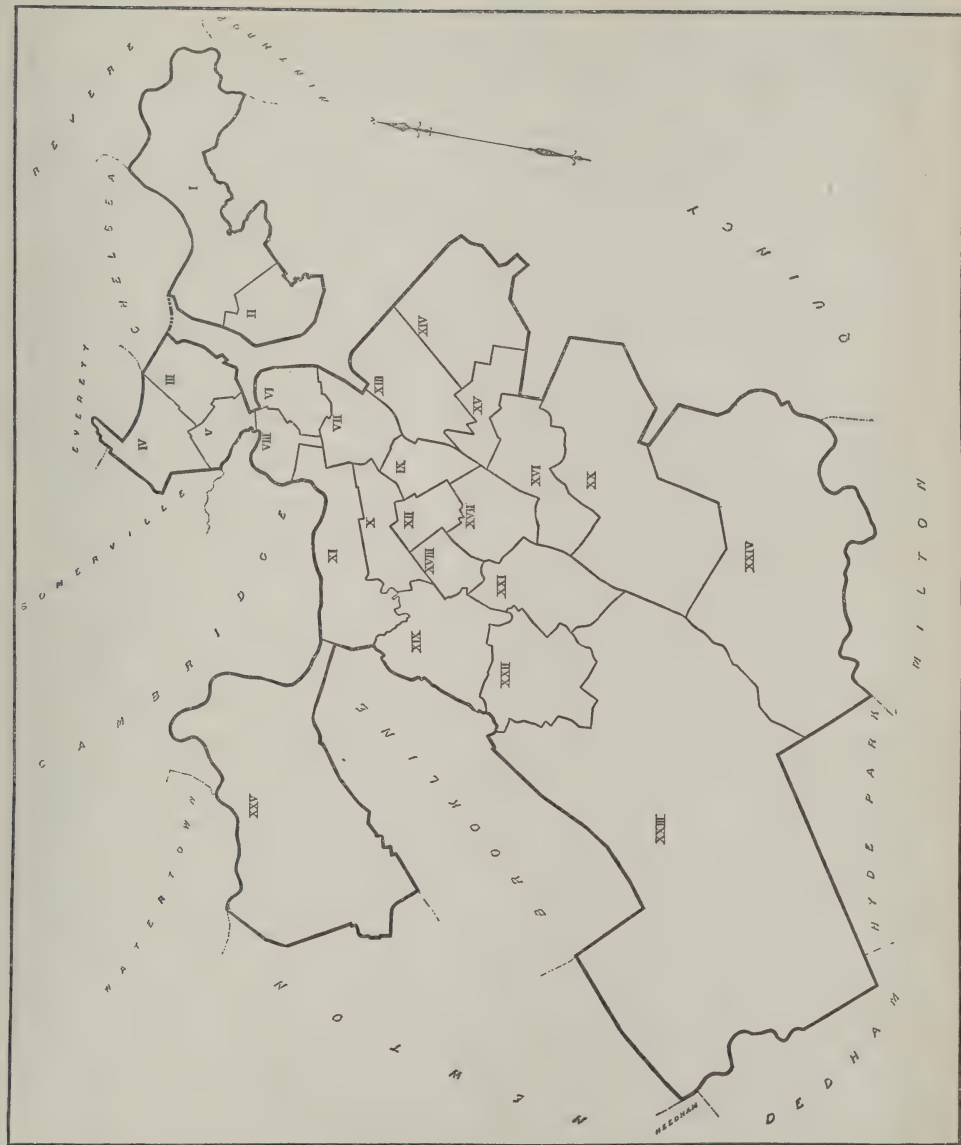
MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1911.	Deaths of non-residents.	AGE.																								SEX.																														
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.																													
XI. Diseases of Early Infancy.—Concluded.																																																									
153. Lack of care			59	4	59			59																				37	22																												
Totals of early infancy																																																									
XII. Old Age.																																																									
154. Senility			3																			1		1	1	1	1	2																													
XIII. Affections Produced by External Causes.																																																									
155. Suicide by poison																																																									
156. Suicide by asphyxia			1													1												1																													
157. Suicide by hanging or strangulation																																																									
158. Suicide by drowning			1	1																	1							1																													
159. Suicide by firearms			3											1				2										2	1																												
160. Suicide by cutting or piercing instruments																																																									
161. Suicide by jumping from a high place			2										1		1													2																													
162. Suicide by crushing																																																									
163. Other suicides																																																									
164. Poisoning by food																																																									
165. Other acute poisonings																																																									
166. Conflagration			1														1											1																													
167. Burns (conflagration excepted)			6	1		1	1	1	2	5	1																	6																													
168. Absorption of deleterious gases (conflagration excepted)																																																									
169. Accidental drowning			12	5							1	1	4	1		1		2	1	1								9	3																												
170. Traumatism by firearms																																																									
171. Traumatism by cutting or piercing instruments			1																	1								1																													
172. Traumatism by fall			14		2		1		3		1		2	1	1		2	1	1		1	1		1		1		6	8																												
173. Traumatism in mines and quarries																																																									
174. Traumatism by machines			2	1									1	1														2																													
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)			14	5				1	1	1	1		2	1	3	3		1		1								13	1																												
176. Injuries by animals																																																									
177. Starvation																																																									
178. Excessive cold																																																									
179. Effects of heat	216	12	11	4	1	1		17				1	5	11	14	20	25	20	24	18	10	13	10	10	9	6	3	166	50																												
180. Lightning																																																									
181. Electricity (lightning excepted)			1										1															1																													
182. Homicide by firearms			1	1										1														1																													
183. Homicide by cutting or piercing instruments			1													1												1																													
184. Homicide by other means																																																									
185. Fractures (cause not specified)																																																									
186. Other external violence			2	1									1		1													1	1																												
Totals of affections by external causes,	278	27	11	7	2	3	3	26	3	3	5	12	16	20	27	29	24	27	20	12	14	11	10	9	7	3	213	65																													
XIV. Ill-defined Diseases.																																																									
187. Ill-defined organic disease																																																									
188. Sudden death			1													1												1																													
189. Cause of death not specified or ill-defined			10	4	5			5								1	2	1			1							3	7																												
Totals of ill-defined diseases			11	4	5			5								2	2	1			1							4	7																												
Totals from all causes,	1270	145	280	53	27	9	10	370	14	13	22	41	55	47	58	77	69	86	74	72	72	69	56	40	16	10	729	541																													

BOSTON WARD MAP.



CASES REPORTED.

Month ending July 31, 1911.

WARDS.	Anterior Polio-myelitis.	Actinomyco-sis.	Asiatic Cholera.	Bubonic Plague.	Cerebro spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pus-tule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Miliary).	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.
1						7					3								5	1			8	
2	1				1	3					13		2	7					13			3	1	
3						4					11								3	2		2	4	
4						3					5	1	1	3					4	1			1	
5											1		3						4					
6			1			6					24		7	3					19	3		1	7	
7						1					4		13	1					10			4	3	
8						7					13		8	3					24	1		5	12	
9					1	2					3		6						8	1		2		
10						3			1		4								5	2			1	
11						1							8						4				1	
12						5					11		3	1					12	5				
13						5					3		8	3					8	3			5	
14						5			1		14		3	2					8	1		1	1	
15						2					4		1	1					2	1				
16						9					4		1						6			2	1	
17					1	3					9		1						7	1		2		
18						6					3		3	1					18	1		2		
19					1	8					9		2	6					13			2	7	
20						9					5		1	5					8	2			1	
21						2					4			1					6			4	2	
22						1			2		22		2	1					8			1	5	
23											14	1	2	1					8			4		
24						5					4		2	5					7				4	
25	1					9					3		1	8					3	1		4		
Total.	2		1		4	106			4		190	2	78	52					213	26		39	64	
Unknown.													1						2	1				
Non-residents.						7					1		2	8					11	3				
Grand Total.	2		1		4	113			4		191	2	81	60					226	30		39	64	
Corresponding month last year	5				4	104					238		12	85					344	42		30		

NOTE.— Also one case of varicella at quarantine. One case of varicella at quarantine last year.

DEATHS REPORTED.

Month ending July 31, 1911.

WARDS.	TOTAL DEATHS FROM ALL CAUSES.	Anterior Polymyelitis.	Actinomycesis.	Asiatic Cholera.	Bubonic Plague.	Cerebro spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pus-tule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Miliary).	Other tubercular deaths.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.	Diarrhea and Enteritis (under 2 years).	Diarrhea and Enteritis (2 years and over).	Pneumonia.	Pneumonia, Broncho.
1	45																			2				1		4		4	1	
2	57					1	2													3						13	1	1		
3	27						1													1									2	1
4	40											1								1				1		8		1		
5	26																			1							2	2	2	
6	72			1		1						3			2					2	1					12		6	7	
7	38																			2	3	1		1			3	1		
8	45																1			3						5		4	2	
9	60					1														3	1					5	1	2	2	
10	28																			2								1		
11	22																			1								1	1	
12	42					1														3	1	1				4	1	2		
13	58											1								5	1			2		10		5	1	
14	38					2														2	2					4		1		
15	23														1					1						9	1	2		
16	35																			4						1	1		1	
17	54					1														4	1					5	1	1		
18	47					1														5						5		4		
19	59					1														3	1					3		1		
20	102					2									1					4						13		2	7	
21	41																							2		1	1	1		
22	27																			1	1					1	1	1		
23	33																			5						2		1		
24	42																			4	1					2			1	
25	34																			4						3	1			
Total.	1,095		1		4	10					5				4		1			68	13	2		1	6	115	12	46	25	
Unknown.	30																			1								1		
Non-residents.	145		1			1														9	3	2				20	2	3	2	
Grand Total.	1,270		1	1		4	11				5				4		1			76	16	4		1	6	135	15	49	27	
Corresponding month last year.	926					3	15				9			1	3		2			86	17	5		5		108	19	44	24	

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

[illegible]

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	194	Cattle Condemed, 1 and Parts,	571 lbs.
Calves "	480	Calves " 2	73 "
Sheep "	—	Sheep "	— "
Swine "	3,117	Swine " 4 and Parts,	2,507 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		MISCELLANEOUS.	
Veal (tainted) . .	813 lbs.	Fruit	6½ bush.
Mutton " . .	173 "	Clams (tainted) .	33 "
Beef " . .	3,999 "	Eggs " . .	115 doz.
Pork " . .	25 "	Vegetables . .	9½ bush
Pork (diseased) .	565 "	Canned goods .	98 cans
Poultry (tainted)	1,298 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	204
" "	" " Wagons	564
" "	" brought in by Citizens	49
" "	" " " " for bacteriological examination,	623
" "	" Ice Cream " " " "	52
" "	" Vinegar	17
" "	" Butter and Cheese	25
	Total Samples.	1,534

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	86	910	GONORRHOEA:	Positive	15	82	
	Positive for release	84			Negative	66		
	Negative for diagnosis	536			Unsatisfactory	1		
	Negative for release	199						
	"No growth " cultures	5						
TUBERCULOSIS:			311	Other examinations:*	Positive	23	470	
	Positive	70			Negative	447		
	Negative	240			Unsatisfactory	0		
	Unsatisfactory	1						
TYPHOID:			174	BACTERIOLOGICAL MILK EXAMINATIONS				571
	Positive	7		" ICE CREAM "				
	Negative	161						
	Atypical	6			Total			
GLANDERS:	Positive	5	22	SPECIAL WORK:	Disinfection work; longevity of tubercle bacilli in sputum.			
	Negative	15						
	Unsatisfactory	2						

* Malaria, Ophthalmia, Organisms, K-L Vir., Cholera, G-U.T.B., Complement Fixation, Leprosy, Tetanus.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of July, 1911, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	29.98	77	58	S.E., S.W., W. & N.W.	0	Mean Barometer, 29.98
2	29.86	84	56	W.	0	Highest Barometer, 30.27 on the 8th.
3	29.86	90	66	S.W.	0	Lowest Barometer, 29.59 on the 24th.
4	29.94	89	66	S.W.	0	Monthly Range of Barometer, 6.68.
5	30.06	86	68	S. W. & W.	0	Mean Temperature, 77.1°.
6	29.98	86	78	S.W.	.29	Highest Temperature, 104° on the 4th.
7	30.12	74	68	E.	0	Lowest Temperature, 67° on the 28th.
8	30.24	74	45	W.	0	Monthly Range of Temperature, 47°.
9	30.07	80	60	S.W.	0	Greatest Daily Range of Temperature, 80° on the 4th.
10	29.66	88	58	W.	0	Least Daily Range of Temperature, 7° on the 17th.
11	29.86	90	53	W.	0	Mean Daily Range of Temperature, 17.7°.
12	29.84	87	50	W.	0	Mean Daily Dew-point, 63.2°.
13	30.02	81	42	W.	0	Mean Daily Relative Humidity, 65.4.
14	30.16	75	46	N.W.	0	Prevailing Direction of Wind, West.
15	30.16	78	60	S.	0	Total Movement of Wind, 6,844 miles.
16	30.12	78	77	S.	0	Highest Velocity of Wind and Direction,—34 miles from North on the 28th.
17	29.90	70	96	S.E.	*T	Number of Foggy Days, 1. Number of Fair Days, 10.
18	29.90	73	86	E.	0	Number of Clear Days, 11. Number of Cloudy Days, 10.
19	30.06	72	64	N.W.	0	Total Number of Days on which Rain or Snow fell, 4.
20	29.90	74	70	W.	*T	Depth of Unmelted Snow on ground at end of month, none.
21	29.79	72	78	S.W.	0	Dates of Auroras, none. Dates of Lunar Halos, 5th.
22	29.70	74	58	W.	.02	Dates of Solar Halos, none. Thunder Storms, 6th, 20th, 22d.
23	29.88	73	50	W.	0	Dates of Frosts, none.
24	29.72	75	86	S.W.	.55	Mean Maximum Temperature, 86.0. Mean Minimum Temperature, 68.2.
25	29.88	72	56	W.	0	MEAN TEMPERATURE for this month in. Total Precipitation for this Month in inches
26	30.14	70	60	W. & S. W.	0	1871 71 1871 3.22
27	30.27	67	60	S.E.	0	1872 76 1872 4.00
28	30.05	61	94	N.	3.49	1873 73 1873 3.84
29	30.08	71	73	W.	0	1874 73 1874 3.47
30	30.10	74	75	W.	*T	1875 72 1875 3.53
31	30.08	76	72	W.	0	1876 74 1876 5.86
TOTALS.....					4.65	1877 71 1877 2.27
MEANS.....	29.99	77.1	65.4	W.	0.15	1878 74 1878 4.58
						1879 71 1879 3.00
						1880 72 1880 6.56
						1881 70 1881 2.96
						1882 73 1882 3.91
						1883 72 1883 2.73
						1884 69 1884 4.25
						1885 72 1885 1.44
						1886 71 1886 1.81
						1887 75 1887 3.59
						1888 69 1888 1.79
						1889 69 1889 5.80
						1890 71 1890 1.98
						1891 69 1891 3.73
						1892 73 1892 2.86
						1893 71 1893 1.72
						1894 74 1894 3.09
						1895 69 1895 2.98
						1896 72 1896 2.90
						1897 72 1897 4.22
						1898 72 1898 4.42
						1899 73 1899 2.52
						1900 74 1900 2.69
						1901 73 1901 5.20
						1902 68 1902 2.88
						1903 71 1903 2.89
						1904 71 1904 1.23
						1905 73 1905 1.69
						1906 70 1906 5.38
						1907 72 1907 1.49
						1908 74 1908 3.17
						1909 72 1909 0.97
						1910 75 1910 1.15
						1911 77 1911 4.65

Average mean temperature for 41 years, 71.3°. Average monthly precipitation for 41 years, 3.36 inches. *T indicates trace of precipitation.

DEATHS FROM HEAT IN JULY, 1911.

Residence. WARD.	Population. Estimated July 1, 1911.	Deaths from Heat.		DAY OF MONTH.																			Contributing Cause, Alcoholism.	Total number of deaths from heat. 216
		M.	F.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
1	30,717	1	2				1			1					1									
2	29,514	6	1				1	1	1	1				2			1							
3	15,463	4	1					1	2		1			1										
4	13,488	6	5				1	2	6	1					1									
5	12,849	9	1			1		1	1				1	2	2	1		1						
6	37,164	4					1		1						1	1								
7	14,751	9	2			1	2	2		1			1	2	1	1						4		
8	32,825	7	4				1	5	1					2	1	1					1			
9	27,477	10	5			1		1	4		1		1	4	1	1	1				6			
10	25,	4	3					1	2	1				2	1						1			
11	28,645	2	2			1		1						1	1									
12	24,917	3	1				1		1				1				1				1			
13	21,538	12	3				1	2	3	2	1		1	5							3			
14	23,939	3	3					1	3		1			1										
15	21,437	2												1				1			1			
16	26,537	6	2					3		1		1	1	2							3			
17	26,941	10	2				1	1	3	1		1	2	1	1	1								
18	22,885	6	1					1	2					1	3						1			
19	32,323	12	3					3	2	3			1	3	1	1				1		7		
20	59,111	5	3			1	2	1		1				2						1		1		
21	31,480	4	1			1	1		1					2										
22	50,513	3						1	1						1									
23	31,706	4						1		1			1	1										
24	30,235	6						1	1	1						3					3			
25	27,737	7							4	2			1											
Unknown. Non- residents.		10	3					2	4	1				3	2		1	1			7			
		11	2					4	1		1		1	3	1		1							
TOTALS.	688,912	166	50			6	13	36	44	18	5	2	12	41	23	6	4	4		2		39		
Mean Temperature				77	84	90	89	86	86	74	74	80	88	90	87	81	75	78	78	70	73	72		
Maximum Temperature (Weather Bureau)				88	96	102	104	95	101	79	83	94	98	100	96	89	79	88	88	73	80	80		
Mean Humidity				58	56	66	66	68	68	76	66	45	60	58	53	50	42	46	60	77	96	86	64	
																							DEATHS IN HOSPITALS AND INSTITUTIONS:	
																							Males	86
																							Females	86

SEX:	
Males	168
Females	50
CONDITION:	
Single	74
Married	72
Widowed	51
Divorced	1
Unknown	18
COLOR:	
White	213
Black (Negro or Mixed)	2
Chinese	1
NATIVITY:	
United States	63
Ireland	91
England and Wales	9
Scotland	—
Germany	5
Canada	11
Italy	2
Russia and Poland	3
Sweden and Norway	4
France	2
Other Countries	2
Unknown	24
NATIVITY OF MOTHERS:	
United States	24
Ireland	106
England and Wales	9
Scotland	1
Germany	5
Canada	11
Italy	8
Russia and Poland	4
Sweden and Norway	4
France	3
Other Countries	5
Unknown	42

DEATHS IN HOSPITALS AND INSTITUTIONS:	
Males	86
Females	7

An analysis of these 216 deaths by age-periods shows only 11 under 1 year, 6 between 1 and 5, 1 between 5 and 20, 50 between 20 and 40, 87 between 40 and 60, and 61 over 60 years of age.

Occupations were given in 155 of the deaths as follows: Laborers 33, railroad laborers 14, factory laborer 1, longshoreman 1, women "at home," housewives and servants 23, bakers and cooks 8, waiters 2, waitress 1, teamsters 15, carpenters and coopers 7, freight handlers 4, engineers 3, firemen 2, stone masons 3, blacksmiths 2, bookbinder 1, brewery worker 1, clerks 2, coal heaver 1, collector 1, cornice worker 1, cement worker (sidewalks) 1, drummer 1, druggist 1, engraver 1, florist 1, fruit dealer 1, grocer 1, gardener 1, gate tender 1, hostlers 2, iceman 1, iron worker 1, iron moulder 1, laundryman 1, laundress 1, machinists 3, motorman 1, painters 2, policeman 2, paver 1, porter 1, plasterer 1, printer 1, pattern maker 1, piano maker 1, salesmen 2, shoemaker 1, seaman 1, superintendent 1, tailor 1, tallcoress 1, tinsmith 1, watchman 1.

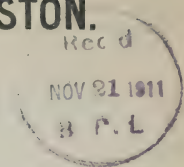
Besides these 216 deaths with heat as the primary cause of death, there were 118 other deaths in July where heat was given as a contributing cause of death. The principal primary causes of death in this group of 118 deaths were heart disease 39, pneumonia 9, bright's disease 8, cerebral hemorrhage, apoplexy 7, congenital debility, etc., 7, alcoholism 5.

SUMMERS IN 30 YEARS HAVING OVER 40 DEATHS FROM HEAT.

YEAR.	Deaths from heat.	Highest temperature.	Highest mean temperature for any day.	Total days having mean temperature 83° or over.	Mean humidity of days having mean temperature 83° or over.
July, 1911	216	104, July 4	90	8	62
Summer, 1901	79	97, June 28	86	8	65
" 1900	54	97, July 18 and August 26	86	5	66
" 1896	71	95, August 10	86	1	70
" 1887	53	95, July 2	83	1	63

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HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of August, 1911.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of August, 1911	897
Population estimated at 688,912	Rate per 1,000 inhabitants, 15.33
Deaths of non-residents, 141	*Corrected rate per 1,000 inhabitants, 12.92

Total number 897

SEX.

Males 472

Females 425

CONDITION.

Single 489

Married 244

Widowed 150

Divorced 3

Unknown 11

COLOR.

White 870

Black (Negro or mixed) 27

Total deaths of children,	Under 1 year	260
	Under 2 years	307
	Under 5 years	332

NATIVITY.

United States 616

Ireland 121

England and Wales 16

Scotland 7

Germany 11

Canada 52

Italy 16

Russia and Poland 27

Sweden and Norway 4

France —

Other Countries 13

Unknown 14

NATIVITY OF MOTHERS.

United States 285

Ireland 254

England and Wales 21

Scotland 22

Germany 21

Canada 60

Italy 63

Russia and Poland 69

Sweden and Norway 7

France 2

Other Countries 26

Unknown 67

Still-births during the month 65

*Non-residents not included

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	AGE.																				SEX.		
	Total Mortality for August, 1911. Deaths of % non-residents.																				Males.	Females.	
General Diseases.																							
1. Typhoid fever	6	1							1	1	1	1	1		1							4	2
2. Typhus fever																							
3. Relapsing fever																							
4. Malaria	1														1						1		
(a) Malarial cachexia*																							
5. Smallpox																							
6. Measles	4		2	1	1		4														3	1	
7. Scarlet fever	1							1														1	
8. Whooping cough	7	4	3				7														3	4	
9. Diphtheria and croup	2	1				2	2														2		
10. Influenza																							
11. Miliary fever																							
12. Asiatic cholera																							
13. Cholera nostras																							
14. Dysentery	4	2	4				4														4		
15. Plague																							
16. Yellow fever																							
17. Leprosy																							
18. Erysipelas	2	1				1			1												1	1	
19. Other epidemic diseases																							
20. Purulent infection and septicæmia	3									1	1							1			3		
21. Glanders																							
22. Anthrax																							
23. Rabies																							
24. Tetanus																							
25. Mycoses																							
26. Pellagra																							
27. Beriberi																							
28. Tuberculosis of the lungs	68	7				1	1		1	5	8	11	6	10	9	5	5	2	2	2	1	44	24
29. Acute miliary tuberculosis	1														1						1		
30. Tuberculous meningitis	11	3	5	2	3	1	11														6	5	
31. Abdominal tuberculosis	3	1		1		1	2		1												1	2	
32. Pott's disease																							
33. White swelling																							
34. Tuberculosis of other organs																							
35. Disseminated tuberculosis																							
36. Rickets	1		1			1															1		
37. Syphilis	6	2	5			5				1											4	2	
38. Gonococcus infection	1								1												1		
39. Cancer and other malignant tumors of the buccal cavity	6	1														1	1	1		1	1	1	
40. Cancer and other malignant tumors of the stomach, liver	22	1														1	3	4	3	3	4	4	
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	9	1														1	1		3	3	1		
42. Cancer and other malignant tumors of the female genital organs	10	2												2	2	3	1	1	1				
43. Cancer and other malignant tumors of the breast	8													2	1		1	1	1	1	1		
44. Cancer and other malignant tumors of the skin	1																			1		1	
45. Cancer and other malignant tumors of other organs and of organs not specified	11	2													1	1		2	1	4	1	1	

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1911. Deaths of non-residents.		AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																														
46 Other tumors (tumors of the female genital organs excepted)	1																			1										1
47. Acute articular rheumatism	1													1																1
48. Chronic rheumatism and gout																														
49. Scurvy																														
50. Diabetes	9	2												1		2	3	2		1								5	4	
51. Exophthalmic goitre																														
52. Addison's disease	1													1																1
53. Leuchæmia	3															1	2											1	2	
54. Anæmia, chlorosis	3																2		1											3
55. Other general diseases	2			1				1											1										2	
56. Alcoholism (acute or chronic)	10													2	3	2	3											7	3	
57. Chronic lead poisoning																														
58. Other chronic occupation poisonings																														
59. Other chronic poisonings	2															1				1								1	1	
Totals of general diseases	220	26	20	9	4	2	4	39	1	8	6	12	14	12	20	18	20	17	12	12	14	13	6	1				120	100	
II. Diseases of the Nervous System and of the Organs of Special Sense.																														
60. Encephalitis																														
61. Meningitis {	4	2		1		1		2				1							1									1	3	
	2		1	1				2																				1	1	
62. Locomotor ataxia																														
63. Other diseases of the spinal cord	3	1							1											1		1						1	2	
(a) Acute Anterior Poliomyelitis*	1	1							1																				1	
64. Cerebral hemorrhage, apoplexy	31	2										1	2		2	3	2	4	3	1	3	6	3	1				18	13	
65. Softening of the brain																														
66. Paralysis without specified cause																														
67. General paralysis of the insane	3															1	1	1											3	
68. Other forms of mental alienation																														
69. Epilepsy																														
70. Convulsions (non-puerperal)																														
71. Convulsions of infants	2		1	1				2																				1	1	
72. Chorea																														
73. Neuralgia and Neuritis	1																1												1	
74. Other diseases of the nervous system	5	2										1		1	2				1								4	1		
75. Diseases of the eyes and their annexa																														
76. Diseases of the ears	2										1							1											2	
Totals of nervous system, etc.,	53	7	2	3		1		6	1	1	3		2	2	6	5	2	6	4	1	4	6	3	1				31	22	
III. Diseases of the Circulatory System.																														
77. Pericarditis	1									1																			1	
78. Acute endocarditis	1													1															1	
79. Organic diseases of the heart	89	7		1					1	1	1	1	4	1	6	6	3	8	7	11	11	11	8	7	1			41	43	
80. Angina pectoris	3																1				1	1						2	1	
81. Diseases of the arteries, atheroma, aneurism, etc.	17													1		1			1		2	4		3	4	1		9	8	
82. Embolism and thrombosis	6	1																1		1	2		1	1				3	3	

* Deaths under italicized headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1911. Deaths of non-residents.	AGE.																				SEX.						
																						Males.	Females.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
III. Diseases of the Circulatory System.—Concluded.																												
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)		2	1															2								1		
84. Diseases of the lymphatic system (lymphangitis, etc.)		2	1	2					2																	2		
85. Hemorrhage; other diseases of the circulatory system		1												1												1		
Totals of circulatory system	122	10	2	1				3	2	1	1	1	5	2	7	7	5	8	9	15	13	17	10	10	5	1	89	63
IV. Diseases of the Respiratory System.																												
86. Diseases of the nasal fossae																												
87. Diseases of the larynx																												
88. Diseases of the thyroid body																												
89. Acute bronchitis		1		1				1																			1	
90. Chronic bronchitis		2																						1	1		1	
91. Broncho pneumonia		23	4	15	4		1	20	1					1				1								9	14	
92. Pneumonia		30		4	7	4		1	16				1		2	1	1		1	1	3	1		2	1		18	12
93. Pleurisy																												
94. Pulmonary cystitis, pulmonary abscess																												
95. Gangrene of the lung																												
96. Asthma		1																						1			1	
97. Pulmonary emphysema		1																	1								1	
98. Other diseases of the respiratory system (tuberculosis excepted)		3								1				1				1									3	
Totals of respiratory system	61	4	20	11	4		2	37	1		1	1		3	2	1		1	4	3	1		4	2		33	28	
V. Diseases of the Digestive System.																												
99. Diseases of the mouth and annexa																												
100. Diseases of the pharynx		2	1							1											1						2	
101. Diseases of the œsophagus																												
102. Ulcer of the stomach																												
103. Other diseases of the stomach (cancer excepted)		3																	1	1				1			1	2
104. Diarrhea and enteritis (under two years)	183	38	163	20				183																			88	95
105. Diarrhea and enteritis (two years and over)	17	2				2	2	1			1	1	1					1	2	2	3	1		2	5		12	
106. Ankyl stomiasis																												
107. Intestinal parasites																												
108. Appendicitis and typhilitis	14	4						2	1		2	5	1			2	1										5	9
109. Hernia, intestinal obstruction	8	2	2		1			3	1					1			1	1			1						5	8
110. Other diseases of the intestine	2	1														1	1										1	1
111. Acute yellow atrophy of the liver																												
112. Hydatid tumor of the liver																												
113. Cirrhosis of the liver		5															1	1	1				1	1			4	1
(a.) Due to alcoholism*		2																1	1								2	
114. Biliary calculi		1	1																		1						1	
115. Other diseases of the liver		1												1													1	
116. Diseases of the spleen																												
117. Simple peritonitis (non-puerperal)		3	1								1							1			1						1	2
118. Other diseases of the digestive system (cancer and tuberculosis excepted)		2	1													1		1									2	
Totals of digestive system	241	31	185	20	1	2		188	4	1	1	4	6	3	1	2	5	5	2	4	5	5	2		1	2	115	126

* Deaths under italicized headings are included in those of the main heading.

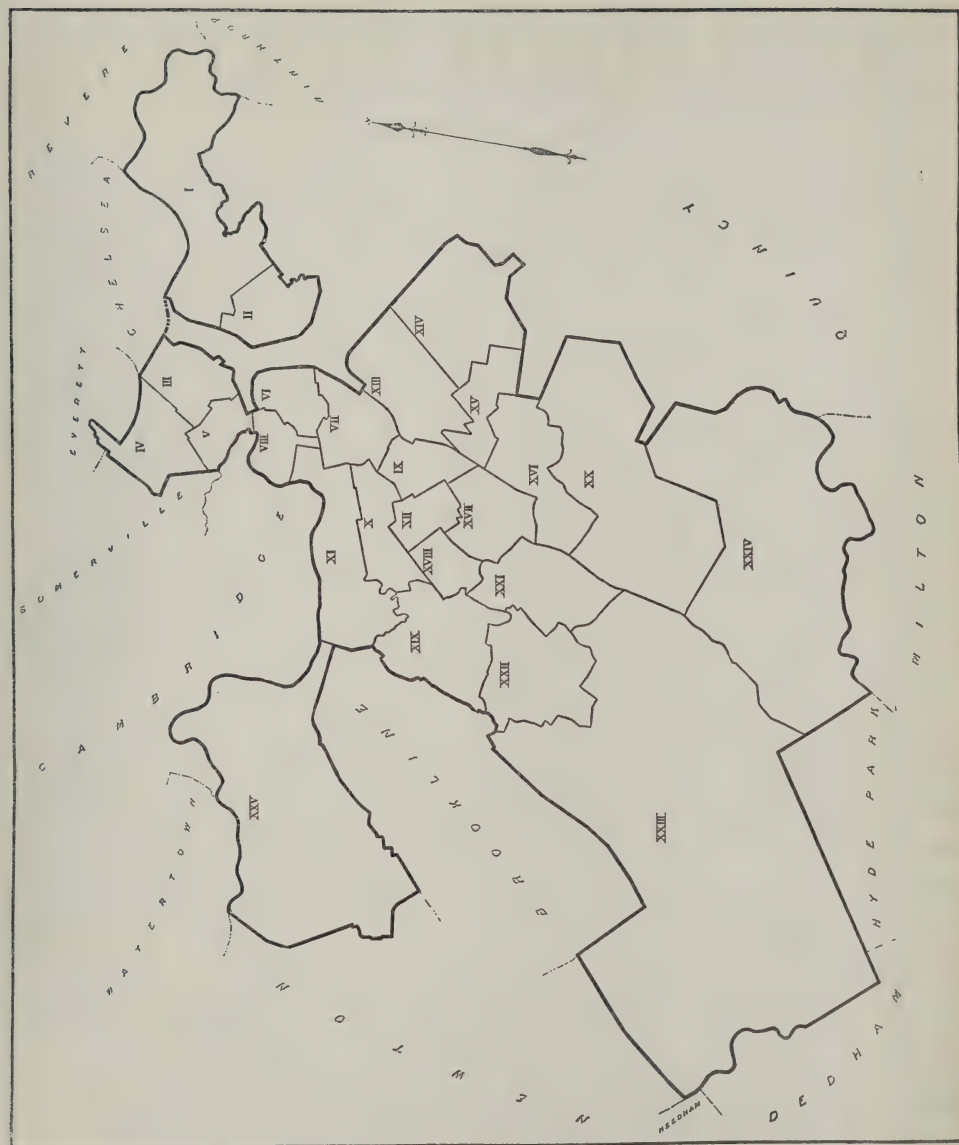
MONTHLY STATEMENT OF DEATHS.

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MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1911.	Deaths of non-residents.	AGE.																									SEX.			
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
XI. Diseases of Early Infancy.—Concluded.																															
153. Lack of care																															
Totals of early infancy	41	5	41					41																					26	15	
XII. Old Age.																															
154. Senility	3																							1		1	1			3	
XIII. Affections Produced by External Causes.																															
155. Suicide by poison	3	1										2		1															3		
156. Suicide by asphyxia	3													1	1					1								1	2		
157. Suicide by hanging or strangulation	1																		1										1		
158. Suicide by drowning	2	1															1						1						2		
159. Suicide by firearms	1	1														1													1		
160. Suicide by cutting or piercing instruments																															
161. Suicide by jumping from a high place																															
162. Suicide by crushing																															
163. Other suicides																															
164. Poisoning by food																															
165. Other acute poisonings	1	1														1													1		
166. Conflagration																															
167. Burns (conflagration excepted)	7	2	1			2	1	4	1										1		1							2	5		
168. Absorption of deleterious gases (conflagration excepted)																															
169. Accidental drowning	3	2												1	2														3		
170. Traumatism by firearms																															
171. Traumatism by cutting or piercing instruments	1	1																	1										1		
172. Traumatism by fall	25	7					1	1	1			1	2	4			2	3	3	2	3			3				21	4		
173. Traumatism in mines and quarries																															
174. Traumatism by machines	1																		1										1		
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)	9	3												1	2	1	1	1	1		1		1	1				8	1		
176. Injuries by animals																															
177. Starvation	1		1					1																					1		
178. Excessive cold																															
179. Effects of heat																															
180. Lightning																															
181. Electricity (lightning excepted)																															
182. Homicide by firearms																															
183. Homicide by cutting or piercing instruments																															
184. Homicide by other means	1	1														1													1		
185. Fractures (cause not specified)																															
186. Other external violence	4	1		1				1					1	1		1													4		
Totals of affections by external causes,	63	20	1	1	1	2	2	7	2				4	5	9	6	5	5	5	4	4	1	2	4				41	19		
XIV. Ill-defined Diseases.																															
187. Ill-defined organic disease																															
188. Sudden death	2																1			1									2		
189. Cause of death not specified or ill-defined	4	1	2					2															1	1					3	1	
Totals of ill-defined diseases	6	1	2					2									1			1			1	1					5	1	
Totals from all causes	897	141	260	47	10	7	8	332	10	7	11	27	36	31	45	47	45	45	44	68	48	46	35	21	13	4		472	425		

BOSTON WARD MAP.



CASES REPORTED.

Month ending August 31, 1911.

WARDS.	Anterior Poliomyltitis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Opthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (of primary and secondary).	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.
1						7					4	1		4					4	1		1	7	
2						2			1		8		1	9					8	4			2	
3						5			1		8		2	1					7	1		1	2	
4	1											1	2	2					9			1	4	
5						1					1		2	1					5	1				
6						5					37		10	1					16	6			12	
7						2					4		11						15	1		1		
8	1					6					11		19	4		1			9	1		1	9	
9											2		5	1					25			1		
10					1				1										7	2				
11						4					1		3						8			1	1	
12						4					4		4	2					15	6		1	1	
13						4							7	1					18	3		1	4	
14						3					5		2	2					9	1		2	8	
15													2	6					6	2				
16	2			1	6				1					2					6	1				
17	1					5					2		1	5					11	1		3	1	
18					1	5							3						11	2		1		
19						2							2	5					10					
20	1					8			5		5		4						13	5			3	
21													3	1					8	2		2		
22					1	3							3	4					5	2				
23					1	1					2		1						1	2		1	5	
24	1					4					1			4					11	7			2	
25					1	15			1				1	3					4			1		
Total.	7				6	92			10		95	2	88	58		1			241	51		19	61	
Unknown.													2						1				2	
Non-residents.	2	1			1	8							3	5					12	4				
Grand Total.	9	1			7	100			10		95	2	93	63		1			254	55		19	63	
Corresponding month last year.	11				3	160			2		86		8	78		2			335	106		18		

NOTE.—Also three cases of measles and two cases of whooping cough at quarantine. One case of varicella and two cases of measles at quarantine last year.

DEATHS REPORTED.

Month ending August 31, 1911.

WARDS.	TOTAL DEATHS FROM ALL CAUSES.	Anterior Polymyositis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (pulmonary and Miliary).	Other tubercular deaths.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.	Diarrhea and Enteritis (under 2 years).	Diarrhea and Enteritis (2 years and over).	Pneumonia.	Pneumonia, Broncho.
1	30																			2	1					8		2		
2	30									1		1								3						5	3	1		
3	13																			3						1		1		
4	18																			2						2	1	1	1	
5	15																			1						5				
6	51											2								2		2		1		15		3	8	
7	18																			3				1		1		1		
8	30					1														3	1			1		8		1	1	
9	43																			6						5		2		
10	17																			2				1				1		
11	16																			3						2		2		
12	30																			2	1					5	1		3	
13	38																			2	1			1		6	1	2		
14	23																			3						3		2	1	
15	20																			3						5				
16	30					1														3	1					6				
17	36																			4				1		8	2	2		
18	33																			1		1				5	1	1		
19	32													1						3	2					4		2		
20	74																			1	1					26	1	3	3	
21	27																			2		1					2		1	
22	26					1														3						4	1		1	
23	34					1						1								1				1		5				
24	42																			3	2	1				11	2	1		
25	21						1																			5		2		
Total.	747					4	1			1		4		1						61	10	5		7		145	15	30	19	
Unknown.	9																			1										
Non-residents.	141	1				2	1													7	4	1				38	2		4	
Grand Total.	897	1				6	2			1		4		1						69	14	6		7		183	17	30	23	
Corresponding month last year.	910	3				11						9		6		3				85	15	9		3		163	16	29	22	

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

	WARD RESIDENCE.	DATE OF DEATH.	ADDITIONAL DEATHS. Deaths of non-residents.	AGE.	Color.	Condition.	Nativity.	Nativity of Mother.	Males.	Females.	SEX
CAUSES OF DEATH.				Under 1 year.							
				1 year and under 2 years.							
				2 years and under 3 years.							
				3 years and under 4 years.							
				4 years and under 5 years.							
				Total under 5 years.							
				5 years and under 10 years.							
				10 years and under 15 years.							
				15 years and under 20 years.							
				20 years and under 25 years.							
				25 years and under 30 years.							
				30 years and under 35 years.							
				35 years and under 40 years.							
				40 years and under 45 years.							
				45 years and under 50 years.							
				50 years and under 65 years.							

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	526	Cattle Condemned, 12 and Parts,	4,837 lbs.
Calves "	474	Calves " 7	255 "
Sheep "	—	Sheep "	— "
Swine "	3,850	Swine " 11 and Parts,	4,057 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	104
" "	" " Wagons	330
" "	" brought in by Citizens	62
" "	" for bacteriological examination,	487
" "	Vinegar	71
" "	Butter and Cheese	12
	Total Samples,	1,156

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immature) . . .	88 lbs.
" (tainted) . . .	455 "
Mutton " . . .	19 "
Beef " . . .	14 "
Pork " . . .	16 "
" (tuberculous) .	300 "
Poultry (tainted) . .	25 "

MISCELLANEOUS.

Canned goods . . .	10 cans.
Fruit	1 bush.

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis . . .	87	GONORRHOEA:	Positive	32	92
	Positive for release . . .	50		Negative	60	
	Negative for diagnosis . . .	529		Unsatisfactory	0	
	Negative for release . . .	156				
	"No growth" cultures . . .	20		822	Other examinations: * Positive . . . . .		35
				Negative	1,307	
				Unsatisfactory	1	1,343
TUBERCULOSIS:	Positive	73	BACTERIOLOGICAL MILK EXAMINATIONS		517	
	Negative	254		" ICE CREAM "	7	
	Unsatisfactory	0		327	Ingredients in Ice Cream Manufacture	13
TYPHOID:	Positive	30	Total		3,374	
	Negative	192				
	Atypical	10		232		
GLANDERS:	Positive	9	SPECIAL WORK:	Isolation of cholera bacilli, longevity of tubercle bacilli in sputum, 2 samples sewage, 1 sample water.		
	Negative	10				
	Unsatisfactory	2		21		

* Complement fixation, Cholera, Spermatozoa, Paratyphoid, Organisms, Malaria, K-L Vir., Blood Culture, Typhoid Urine, Ophthalmia, G-U T. B.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of August, 1911, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.09	70	76	E.	0	Mean Barometer, 30.03
2	30.22	62	94	E.	0	Highest Barometer, 30.33 on the 30th.
3	30.24	62	88	E.	0	Lowest Barometer, 29.57 on the 16th.
4	30.14	70	80	E.	0	Monthly Range of Barometer, 6.76.
5	30.07	66	88	E.	0	Mean Temperature, 69.0°.
6	30.10	66	100	E.	0	Highest Temperature, 92° on the 10th.
7	30.09	65	98	E.	0	Lowest Temperature, 55° on the 31st.
8	30.00	68	90	E.	0	Monthly Range of Temperature, 37.
9	29.96	74	86	S.W.	0	Greatest Daily Range of Temperature, 27° on the 23d.
10	30.02	81	66	S.W.	0	Least Daily Range of Temperature, 2° on the 27th.
11	29.98	71	70	N.E.	* T	Mean Daily Range of Temperature, 14.6°.
12	30.16	70	62	N.W.	0	Mean Daily Dew-point, 60.3°.
13	30.08	73	66	W.	0	Mean Daily Relative Humidity, 78.0.
14	29.97	76	56	W.	0	Prevailing Direction of Wind, East.
15	29.74	80	72	W.	.52	Total Movement of Wind, 6,266 miles.
16	29.63	74	66	N.W.	T	Highest Velocity of Wind and Direction,—32 miles from N.W. on the 19th.
17	29.75	75	59	W.	* T	Number of Foggy Days, 3.
18	29.70	75	72	W.	.47	Number of Fair Days, 5.
19	29.7	68	64	N.W.	0	Number of Clear Days, 12.
20	29.97	66	68	N.W.	0	Total Number of Days on which Rain or Snow fell, 9.
21	30.12	69	64	W.	0	Depth of Unmelted Snow on ground at end of month, none.
22	30.12	71	68	S.W.	0	Dates of Auroras, none.
23	30.04	76	65	W.	0	Dates of Lunar Halos, none.
24	30.18	67	71	N.W.S.	* T	Dates of Solar Halos, none.
25	30.12	62	88	E.	.18	Thunder Storms, 15th, 18th, 28th, 29th.
26	30.16	64	96	E.	.04	Dates of Frosts, none.
27	30.24	61	100	E.	.53	Mean Maximum Temperature, 76.3.
28	30.06	71	96	S.W.	.11	Mean Minimum Temperature, 61.7.
29	30.06	68	90	N.W.	1.13	
30	30.30	59	84	N.E.	.02	
31	30.16	58	90	N.E.	1.17	
TOTALS.....					4.17	
MEANS	30.04	69.0	78.2	E.	0.13	
						MEAN TEMPERATURE for this month in.
						1871 72
						1872 73
						1873 70
						1874 68
						1875 71
						1876 70
						1877 72
						1878 70
						1879 69
						1880 71
						1881 71
						1882 72
						1883 68
						1884 70
						1885 68
						1886 68
						1887 68
						1888 70
						1889 67
						1890 69
						1891 70
						1892 70
						1893 70
						1894 68
						1895 71
						1896 71
						1897 70
						1898 73
						1899 69
						1900 71
						1901 71
						1902 68
						1903 65
						1904 69
						1905 69
						1906 72
						1907 70
						1908 69
						1909 69
						1910 63
						1911 69
						1871 3.08
						1872 10.68
						1873 6.41
						1874 6.67
						1875 8.50
						1876 1.23
						1877 4.49
						1878 7.66
						1879 6.71
						1880 2.90
						1881 1.23
						1882 1.46
						1883 0.39
						1884 5.01
						1885 7.64
						1886 3.64
						1887 5.05
						1888 6.53
						1889 3.95
						1890 2.70
						1891 8.87
						1892 4.87
						1893 6.46
						1894 3.03
						1895 8.24
						1896 2.15
						1897 3.95
						1898 6.38
						1899 2.52
						1900 2.46
						1901 3.25
						1902 2.20
						1903 3.33
						1904 2.19
						1905 3.29
						1906 1.68
						1907 1.16
						1908 4.35
						1909 8.55
						1910 0.98
						1911 4.18

Average mean temperature for 41 years, 68.9°.

Average monthly precipitation for 41 years, 4.03 inches.

* T indicates trace of precipitation.

1910.

DEATHS FROM TUBERCULOSIS OF THE LUNGS BY WARD, AGE, AND SEX, WITH RATES.

Ward Residence.	Population, 1910 Census.	Deaths from Tuberculosis of Lungs.	Death Rate from Tuberculosis of Lungs per 1,000 Population.	1910 General Death Rate per 1,000 Population.	AGE.																							SEX.				
					Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
Boston	670,585	1,119	1,669	17.36	8	16	6	4	8	37	8	18	71	119	155	165	144	125	82	74	38	37	20	13	10	4				624	495	
1	29,676	33	1,112	13.01		2				2				1	5	5	6	5	2	2	3			1							16	17
2	28,812	52	1,505	16.03		1	1			2	2	1	7	4	5	6	7	4	5	1	2	4	2								23	27
3	15,339	34	2,217	17.99				1		1			1	4	3	4	2	8	5	3	3										21	13
4	13,294	29	2,181	17.60										2	6	4	3	5	2	3	1			1	1		1				17	12
5	12,811	25	1,951	19.90											2	4	3	6	1	3	2			3	1						17	8
6	35,758	42	1,175	16.33	1	2	1	1		5	3	1	1	8	4	7	3	4	2	2	1						1				21	21
7	14,913	43	2,883	21.53											4	5	6	6	6	7	6		1	2							23	20
8	32,430	42	1,295	12.80								1	1	3	2	2	8	3	4	4	3	2	3	3	1	1	1				25	17
9	26,427	57	2,157	17.63		2				2			1	2	5	9	12	6	3	4	2	6	3	1				1			31	26
10	25,320	34	1,343	12.28		1								2	2	4	5	5	3	4	3	2	2								23	11
11	27,444	21	.765	11.55					1	1				3	1	4	3		3	2	1	1	1	1							13	8
12	24,294	40	1,646	17.16						1	1				3	4	6	5	2	6		7	2		2	1	1				20	20
13	21,561	68	3,154	22.73	2	2				4	1	3	6	7	5	12	12	8	5	3	1					1					40	28
14	23,564	33	1,399	15.39									1	1	1	4	5	8	6	2			3	2							21	12
15	21,216	48	2,262	17.02	3						3		2	1	7	3	7	7	8	1	3	2	1	1	1	1					32	16
16	25,533	31	1,243	12.13					1	1			1	3	1	4	3	4	8	3		1	1	1	1						19	13
17	26,436	50	1,892	17.07	2	1				3				2	3	7	2	9	10	6	2	3	2	1							32	18
18	22,735	58	2,331	18.52		2	1	1		4			1	3	3	13	9	7	2	2	3	2	1	3							26	27
19	31,714	55	1,734	14.66								1		4	7	13	7	11	4	3	3	1									34	21
20	55,720	62	1,113	14.12		1		1		2				4	9	8	7	6	8	3	5	4		3	2	1					38	24
21	30,511	83	1,082	13.31										3	4	4	5		2	2	5	2	1	2	1	2					13	20
22	29,975	82	1,068	13.71									1		1	6	2	4	4	6	4	1	2			1					14	18
23	30,668	44	1,435	13.76									1	3	9	7	5	8	6	1	2	1				1					23	21
24	37,749	50	1,325	11.21		1				1				5	11	7	9	6	4	3	1	1			1	1					25	25
25	26,575	24	.903	11.44									2	1	1	6	2	2	4		4		1					1			13	11
All residents with known ward residence.	670,585	1,036	1,545	15.01	8	15	3	4	3	33	8	17	64	110	143	141	140	117	76	69	35	31	28	12	9	3				582	454	

Notice particularly the very high rates in Wards 13 and 7. Other high rates occur in Wards 18, 15, 3, 4 and 9.

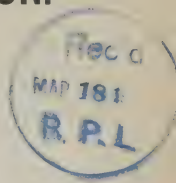
Deaths from Tuberculosis of the Lungs by Ward and Nativity of Mothers with percentages, 1910.

Nativity of Mothers.	Percentage composition of white * population 1900 census	Percentages of Deaths from tuber- culosis of the lungs.	DEATHS FROM TUBERCULOSIS OF THE LUNGS.																											
			Boston	WARDS.																									Residents with known Ward residence	
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
United States . . .	30.05	19.12	214	9	6	4	9	3	6	4	9	13	11	7	10	6	1	10	8	8	21	7	12	10	2	5	15	4	200	
Ireland	31.14	44.59	499	6	21	24	17	18	7	17	19	21	9	7	15	51	19	27	17	23	19	37	21	11	12	22	14	12	466	
England and Wales,	4.24	3.04	34	2	3			2	1		5			3	1		2	1		1	2	1		1	2	1		28		
Scotland	1.84	1.79	20	3	1	1				3					3					2			1		2	1	1		18	
Germany	4.26	2.68	30	1	1						1	2					1		2	1	1		5	1	1	2	5	3	27	
Canada	12.59	10.37	116	6	7	5	3	1	1	3	1	2	3		4	3	5	4	4	5	5	4	10	5	8	5	12	4	110	
Scandinavia	1.93	1.61	18		1							2	1					2		3						1	1		14	
Italy	3.65	3.66	41	2	4				26		1					1	1			2					2				39	
France . . . . .	.35	.48	2										1														1		2
Russia and Poland.	5.19	2.68	30	1	3						7	2		2		2	2					1	7	1		1			29	
Others foreign . . .	1.66	3.37	40	3	3				1	8	2	2	3							2	3		3	1	2		1		34	
Unknown . . . . .	.70	6.70	75		2			1	1	7	2	8	6	5	5	3	3	3	2	3	5		2	1	4	2	1	3	60

*2.25% of the city's population in 1900 was colored.

Notice particularly that 44% of those dying from tuberculosis had mothers born in Ireland, while according to the 1900 census only 31% of the population had mothers born in that country.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of September, 1911.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of September, 1911	874
Population estimated at 688,912	Rate per 1,000 inhabitants, 15.44
Deaths of non-residents, 108	*Corrected rate per 1,000 inhabitants, 13.53

Total number 874

SEX.

Males 461

Females 413

CONDITION.

Single 443

Married 276

Widowed 184

Divorced 5

Unknown 16

COLOR.

White 847

Black (Negro or mixed) 24

Chinese 1

Indian (Asiatic) 2

Total deaths of children	Under 1 year	223
	Under 2 years	257
	Under 5 years	275

NATIVITY.

United States 559

Ireland 135

England and Wales 14

Scotland 5

Germany 19

Canada 56

Italy 22

Russia and Poland 25

Sweden and Norway 4

France 2

Other Countries 16

Unknown 17

NATIVITY OF MOTHERS.

United States 250

Ireland 263

England and Wales 18

Scotland 11

Germany 26

Canada 73

Italy 71

Russia and Poland 54

Sweden and Norway 8

France 2

Other Countries 25

Unknown 73

Still-births during the month 52

*Non-residents not included

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for September, 1911. Deaths of non-residents.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
General Diseases.																											
1. Typhoid fever	11	2			2		2			1		1	3	1	1	1										8	3
2. Typhus fever																											
3. Relapsing fever																											
4. Malaria	1	1								1																1	
(a) Malarial cachexia*																											
5. Smallpox																											
6. Measles	8	1	6	1	1		8																			3	5
7. Scarlet fever	2		1			1	2																			1	1
8. Whooping cough	4	3	1				4																			2	2
9. Diphtheria and croup	6	2				1	3	2	1																	4	2
10. Influenza																											
11. Military fever																											
12. Asiatic cholera																											
13. Cholera nostras	1																			1						1	
14. Dysentery	5	2					2							1					1			1				5	
15. Plague																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	4	1					1					2						1								2	2
19. Other epidemic diseases																											
20. Purulent infection and septicemia	3	1					1					1				1										2	1
21. Glanders																											
22. Anthrax																											
23. Rabies																											
24. Tetanus																											
25. Mycoses																											
26. Pellagra																											
27. Beriberi																											
28. Tuberculosis of the lungs	67	3	2				2	1		3	14	8	8	12	7	1	3	3	2	1	1	1				57	30
29. Acute military tuberculosis	4	2	1				1						2	1												2	2
30. Tuberculous meningitis	10	4	1	2	3		6	3										1								3	7
31. Abdominal tuberculosis	3	1	2				2						1													2	1
32. Pott's disease																											
33. White swelling																											
34. Tuberculosis of other organs																											
35. Disseminated tuberculosis																											
36. Rickets																											
37. Syphilis	5	2	1				3					2														3	2
38. Gonococcus infection																											
39. Cancer and other malignant tumors of the buccal cavity	1																				1					1	
40. Cancer and other malignant tumors of the stomach, liver	17	2										1		2				2	2	5	2	2	1			7	10
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	16	3								1				1	2			2	3	1	4		2			6	10
42. Cancer and other malignant tumors of the female genital organs	12													1	4	1	4	1	1							12	
43. Cancer and other malignant tumors of the breast	8	2														3	3		1				1				8
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of other organs and of organs not specified	9	2								1	2					1	4		1							4	5

* Deaths under italicized headings are included in those of the main heading.

CAUSES OF DEATH.

* Deaths under italicised headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1911.	Deaths of non-residents.	AGE.																										SEX.	
																													Males.	Females.
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.				

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

VI. Non-venereal Diseases of the Genito-Urinary System and Annexa.

[illegible]

Totals of genito-urinary system .

VII. Puerperal State.

[illegible]

VIII. Diseases of the Skin and of the Cellular Tissue.

[illegible]IX. Diseases of the Bones and of the
Organs of Locomotion.

146. Diseases of the bones (tuberculosis excepted)	6	2			1	2	1		1	1			3	3
147. Diseases of the joints (tuberculosis and rheumatism excepted)														
148. Amputations														
149. Other diseases of the organs of locomotion														
Totals of bones and organs of locomotion,	6	2					1	2	1		1	1		3

X. Malformations.

[illegible]

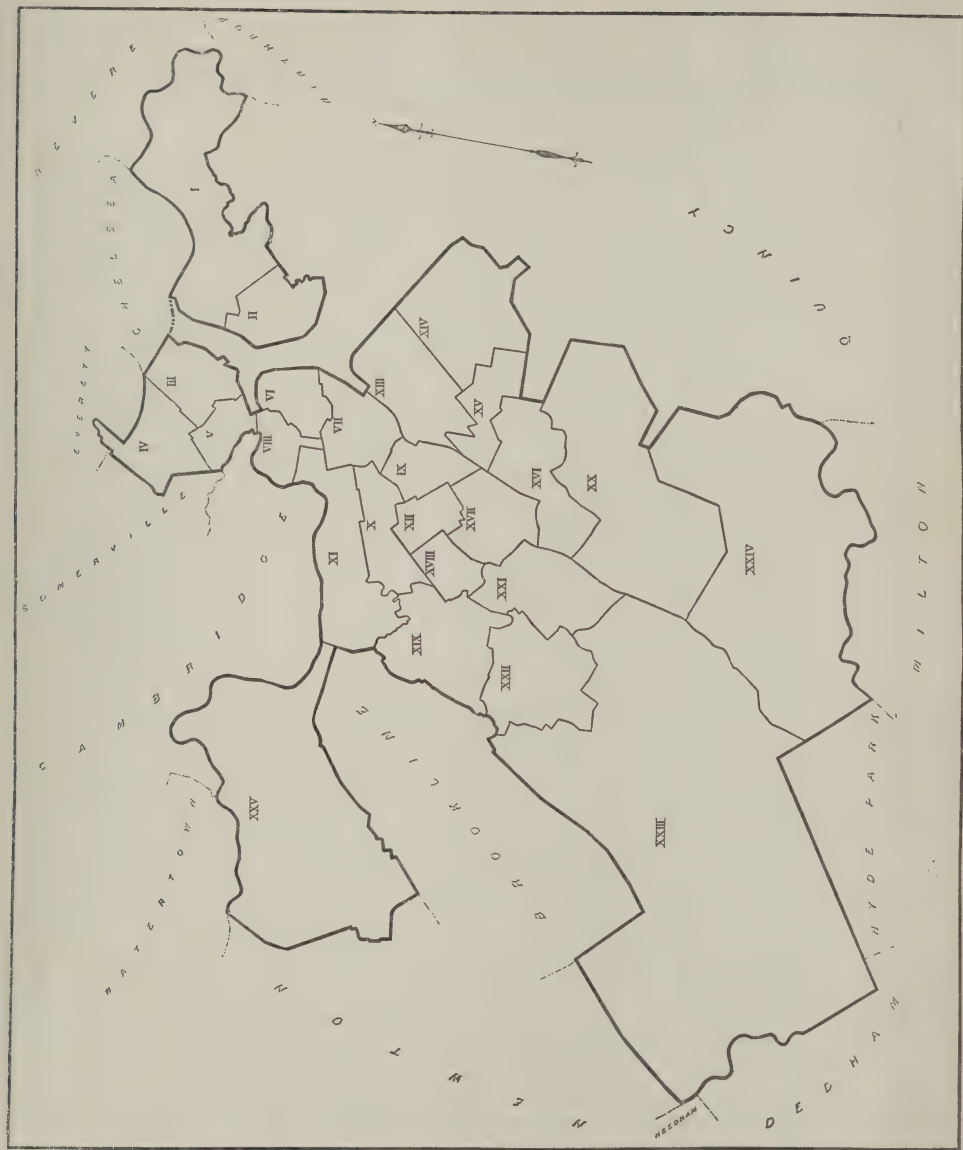
XI. Diseases of Early Infancy.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																										SEX.	
	Total Mortality for September, 1911.	Deaths of non-residents.																				Males.	Females.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
XI. Diseases of Early Infancy.—Concluded.																												
153. Lack of care																												
Totals of early infancy	58	2	58				58																				32	26
XII. Old Age.																												
154. Senility	2																						1	1			2	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	4	1								1	2					1											2	2
156. Suicide by asphyxia	1															1											1	
157. Suicide by hanging or strangulation																												
158. Suicide by drowning																												
159. Suicide by firearms	5	2												2						2	1						5	
160. Suicide by cutting or piercing instruments	1										1																1	
161. Suicide by jumping from a high place																												
162. Suicide by crushing																												
163. Other suicides																												
164. Poisoning by food																												
165. Other acute poisonings	1													1													1	
166. Conflagration	2	2						1								1											1	1
167. Burns (conflagration excepted)	6	2			1	1	1	3	2												1						2	4
168. Absorption of deleterious gases (conflagration excepted)	1	1																		1							1	
169. Accidental drowning	7	5				1	1			1						2	2	1									7	
170. Traumatism by firearms																												
171. Traumatism by cutting or piercing instruments	1											1															1	
172. Traumatism by fall	12	2		1			1	2	1					4			1		2	1		1					9	3
173. Traumatism in mines and quarries																												
174. Traumatism by machines	1											1															1	
175. Traumatism by other crushing (vehicles, railroad, landslides, etc.)	12	1						4	1			1	1	2		1					2						8	4
176. Injuries by animals	1										1																1	
177. Starvation	1		1					1																			1	
178. Excessive cold																												
179. Effects of heat	1																							1			1	
180. Lightning																												
181. Electricity (lightning excepted)																												
182. Homicide by firearms																												
183. Homicide by cutting or piercing instruments																												
184. Homicide by other means	2											1				1											1	1
185. Fractures (cause not specified)																												
186. Other external violence	5										1			1		2	1										4	1
Totals of affections by external causes,	64	16	1	1	1	2	2	7	8	1	1	3	2	6	10	7	6	1	2	4	4	1		1			46	18
XIV. Ill-defined Diseases.																												
187. Ill-defined organic disease																												
188. Sudden death	1																1										1	
189. Cause of death not specified or ill-defined	4		2					2						1		1											3	1
Totals of ill-defined diseases	5		2					2						1		2											3	2
Totals from all causes	874	108	223	34	7	4	7	275	24	7	14	33	34	43	52	40	49	43	60	67	59	49	36	18	8	9	461	413

BOSTON WARD MAP.



CASES REPORTED.

Month ending September 30, 1911.

WARDS.	Anterior Polymyellitis.	Arthromyositis.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pus-tule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Miliary).	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.
1						5					2	1	1	2					7	7			1	
2	1					5					11		2	5		1			7	5			3	
3											2		2	8					4	2			5	
4	1					2					2		1	4					2	2			3	
5						1							3						4					
6						7			1		19		10	1			1		11	4		1	3	
7						1							4				1		10	1				
8						5					3		25	3					12			2	15	
9						3					2		3	2					19	4		1	1	
10						1							2	4					8			1		
11													10						1	2				
12						3			2		3		6	1					9	2				
13	1					5					1	1	7						9	9			8	
14						3					2		3	2					4	1		2	3	
15						2							1	3					7	4		1	1	
16						7							1	1					3	2		1	2	
17	1					5								10					14	2				
18	1					8					1			5					11	4				
19						5							2	1					9	2				
20	1				1	14					31	1	4	5					8	10		1	3	
21	1					5								1					11	3		2	1	
22						4			1					1					7	4				
23						1													5	3		1	2	
24						1					2	1		1					8	4		1		
25						3							1	11			1		5	1		1		
Total,	7				1	96			4		82	4	88	71		1	3		195	78		15	51	
Unknown,														1					4	1				
Non-residents,	1					5			1				1	4					10	13				
Grand Total,	8				1	101			5		82	4	89	76		1	3		209	92		15	51	
Corresponding month last year	10				8	132					25		12	65					227	88		9		

DEATHS REPORTED.

Month ending September 30, 1911.

WARDS.	TOTAL DEATHS FROM ALL CAUSES.	Anterior Polionyelitis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Miliary).	Other tubercular deaths.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.	Diarrhea and Enteritis (under 2 years).	Diarrhea and Enteritis (2 years and over).	Pneumonia.	Pneumonia, Broncho.	
1	42					2														3	1	1					5		1	2	
2	33											1								3	1						6	1	1		
3	18																			2							4		2	1	
4	21														1					2							4		2		
5	15																			2	1						1				
6	59											4								1				1		21	1	6	3		
7	15					1														1							1	1			
8	42											1								4		1					5	1	2	3	
9	33					1									1					4	2			1		3					
10	14																			2							1		1		
11	24																			1							1		3		
12	32																			6								1	1		
13	30																			6		2		1		4		4	3		
14	35																			2		1					4		2		
15	15																			4		1					1				
16	25					1														1				1		3					
17	32																			4							4		3	1	
18	27																			2							4		3	2	
19	35																			3	1						3	1	4		
20	80					1						1								4	1					19	1	1	4		
21	33																			2							1		3	3	
22	18																			2		2					1		1		
23	23																			3							2			1	
24	29																				1	1					1	2			
25	27																			2							5		1		
Total.	758					6						7			2					66	8	9		4		104	9	41	24		
Unknown.	8																													1	
Non-residents.	108									1	1									5	5	2					11	2	1	1	
Grand Total.	874					6				1	8				2					71	13	11		4		115	11	43	25		
Corresponding month last year.	919	2				4	11					1			1	1				86	21	16		6		148	9	54	22		

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Ward Residence.	Date of death.	Additional deaths.	Deaths of non-residents.	AGE.														SEX.							
					Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	under 5 years.	Color.	Condition.	Nativity.	Nativity of Mother.	Males.	Females.
81. Diseases of the arteries, etc.	2	July	1		Ag'd	92														White	Unknown	Unknown	Unknown	1		
20. Purulent infection and septicaemia	9	Aug.	1															1		White	Unknown	U. S.	Ireland	1		
79. Organic diseases of the heart	9	"	1															1		White	Unknown	U. S.	Unknown	1		
172. Traumatism by fall	24	"	1		Ag'd	72														White	Single	Ireland	Ireland	1		
186 Other external violence	10	"	1											1						White	Married	U. S.	Canada	1		

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	456	Cattle Condemned, 11 and Parts, 3,916 lbs.
Calves "	595	Calves " 12 341 "
Sheep "	—	Sheep " —
Swine "	4,119	Swine " 3 and Parts, 4,057 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	MISCELLANEOUS.
Veal (immature) 35 lbs.	Eggs (tainted) 10 doz.
Mutton (tainted) 74 "	Canned goods 27 cans.
Beef " 607 "	Fruit 11 bush.
Poultry " 286 "	Oysters (tainted) 26 gal.

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	344
" "	" " Wagons	674
" "	" brought in by Citizens	35
" "	" for bacteriological examination,	579
" "	Vinegar	185
" "	Butter and Cheese	48
" "	Ice Cream	1
Total Samples,		1,766

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis 64	GONORRHOEA:	Positive 29
	Positive for release 42		Negative 78
	Negative for diagnosis 535		Unsatisfactory 1 108
	Negative for release 128		
	"No growth" cultures 5 774	Other examinations: • Positive 13	
TUBERCULOSIS:	Positive 79		Negative 822
	Negative 258		Unsatisfactory 0 835
	Unsatisfactory 0 337		
TYPHOID:	Positive 35	BACTERIOLOGICAL MILK EXAMINATIONS	579
	Negative 156	" ICE CREAM "	1
	Atypical 10 201	Total	2,969
	STRAUSS. C. F.		
GLANDERS:	Positive, 12 18 30		
	Negative, 15 86 101		
	Unsatisfactory. 2 1 3 134	SPECIAL WORK: Longevity of tubercle bacilli in sputum.	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of September, 1911, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.03	66	82	W.	0	Mean Barometer, 30.06
2	29.96	74	75	S.W.	0	Highest Barometer, 30.44 on the 23d.
3	29.96	72	67	N.W.	0	Lowest Barometer, 29.61 on the 12th.
4	30.22	68	59	N.W.	0	Monthly Range of Barometer, 6.83.
5	30.15	68	71	S.W.	0	Mean Temperature, 62.5°.
6	29.82	74	79	W.	.17	Highest Temperature, 85° on the 2d.
7	30.22	61	72	E.	0	Lowest Temperature, 41° on the 14th.
8	30.40	58	76	N.E.	*T	Monthly Range of Temperature, 44°.
9	30.24	60	89	S.E.	.40	Greatest Daily Range of Temperature, 25° on the 12th.
10	29.98	70	80	W.	0	Least Daily Range of Temperature, 5° on the 8th.
11	29.88	69	84	S.W.	.05	Mean Daily Range of Temperature, 14.7°.
12	29.67	66	70	S.W.	0	Mean Daily Dew-point, 54.0°.
13	30.06	50	66	N.W.	0	Mean Daily Relative Humidity, 76.9.
14	30.34	52	56	N.W.	0	Prevailing Direction of Wind, Northwest.
15	30.18	55	82	S.	.43	Total Movement of Wind, 6,851 miles.
16	29.91	64	96	E.	.09	Highest Velocity of Wind and Direction,—29 miles from S.E. on the 16th.
17	30.09	60	94	N.E.	0	Number of Foggy Days, 5.
18	30.09	64	80	N.E.	0	Number of Fair Days, 7.
19	29.57	62	86	E.	0	Number of Clear Days, 10.
20	29.06	66	68	N.W.	0	Number of Cloudy Days, 13.
21	30.25	60	79	E.	0	Total Number of Days on which Rain or Snow fell, 10.
22	30.21	68	78	N.	.16	Depth of Unmelted Snow on ground at end of month, none.
23	30.40	62	78	N.	0	Dates of Auroras, none.
24	30.17	68	86	S.W.	0	Dates of Lunar Halos, 5th.
25	29.98	72	92	S.W.	1.05	Dates of Solar Halos, none.
26	30.10	56	82	N.	.07	Thunder Storms, 25th.
27	30.09	54	87	S.W.	.12	Dates of Frosts, 14th.
28	30.09	55	60	N.W.	0	Mean Maximum Temperature, 69.9.
29	29.85	50	82	S. E. & N.W.	.41	Mean Minimum Temperature, 55.2.
30	30.03	52	62	N.W.	0	MEAN TEMPERATURE for this month in.
31						Total Precipitation for this Month in inches
TOTALS.....	—	—	—	—	2.95	1871 59 1871 1.30
MEANS	30.07	62.5	76.9	N.W.	0.10	1872 64 1872 6.04
						1873 63 1873 2.91
						1874 64 1874 2.06
						1875 61 1875 3.12
						1876 60 1876 3.84
						1877 65 1877 0.60
						1878 64 1878 3.47
						1879 62 1879 1.84
						1880 65 1880 2.36
						1881 65 1881 2.50
						1882 64 1882 10.93
						1883 60 1883 1.50
						1884 67 1884 0.31
						1885 60 1885 1.70
						1886 63 1886 2.73
						1887 60 1887 0.97
						1888 60 1888 6.77
						1889 63 1889 3.19
						1890 63 1890 5.04
						1891 67 1891 2.29
						1892 62 1892 1.90
						1893 60 1893 1.59
						1894 65 1894 2.14
						1895 66 1895 1.53
						1896 62 1896 6.40
						1897 63 1897 2.38
						1898 66 1898 1.93
						1899 62 1899 5.09
						1900 65 1900 4.62
						1901 65 1901 2.50
						1902 63 1902 2.08
						1903 64 1903 2.43
						1904 62 1904 5.57
						1905 62 1905 5.10
						1906 65 1906 2.64
						1907 64 1907 7.43
						1908 66 1908 0.68
						1909 63 1909 5.15
						1910 63 1910 2.14
						1911 63 1911 2.93

Average mean temperature for 41 years, 62.7°.

Average monthly precipitation for 41 years, 3.19 inches.

*T indicates trace of precipitation.

SUMMER INFANT MORTALITY, 1910 AND 1911.

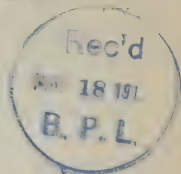
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The high rate in Ward 20 is due to the existence of an infant asylum in this ward. The next highest rate is in Ward 5, which, also, for the year 1910, with an annual rate of 172, had the highest rate of any ward, except Ward 20. Other high rates for the summer months of 1911 are found in Wards 17, 13, and 12.

SUMMER INFANT MORTALITY, 1911, FOR THOSE HAVING KNOWN WARD RESIDENCE. (1910 Births Printed in Red.)

[illegible]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of October, 1911.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of October, 1911	845
Population estimated at 688,912	Rate per 1,000 inhabitants, 14.44
Deaths of non-residents, 103	*Corrected rate per 1,000 inhabitants, 12.68

Total number 845

SEX.

Males 484
Females 361

CONDITION.

Single 392
Married 287
Widowed 153
Divorced 2
Unknown 11

COLOR.

White 821
Black (Negro or mixed) 23
Chinese 1

Total deaths of children, {
Under 1 year 170
Under 2 years 193
Under 5 years 212

NATIVITY.

United States 494
Ireland 139
England and Wales 18
Scotland 11
Germany 20
Canada 70
Italy 17
Russia and Poland 35
Sweden and Norway 11
France 2
Other Countries 6
Unknown 22

NATIVITY OF MOTHERS.

United States 201
Ireland 274
England and Wales 35
Scotland 17
Germany 21
Canada 67
Italy 44
Russia and Poland 68
Sweden and Norway 16
France 2
Other Countries 24
Unknown 76
Still-births during the month 58

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for October, 1911. Deaths of non-residents.		AGE.																												SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
																															Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

* Deaths under italicised headings are included in those of the main heading.

		AGE.																				SEX.							
		Total Mortality for October, 1911.	Duration of disease—non-residents.																		Males.	Females.							
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total Under 5	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
I. General Diseases.—Concluded.																													
46.	Other tumors (tumors of the female genital organs excepted)																												
47.	Acute articular rheumatism	2														1	1										1	1	
48.	Chronic rheumatism and gout	1																						1					
49.	Scurvy																												
50.	Diabetes	7	1							1	1						1	1			1	2					4	3	
51.	Exophthalmic goitre																												
52.	Addison's disease	1	1										1														1		
53.	Leuchæmia	1											1														1		
54.	Anemia, chlorosis	3	1												1	1			1							2	1		
55.	Other general diseases	2	1										1				1										2		
56.	Alcoholism (acute or chronic)	10	1										2	2	2	1	2	1									6	4	
57.	Chronic lead poisoning																												
58.	Other chronic occupation poisonings																												
59.	Other chronic poisonings	1	1															1									1		
Totals of general diseases		233	35	21	9	1	2	1	34	3	4	9	10	18	13	21	20	17	21	13	14	13	9	5	7	2	124	109	
II. Diseases of the Nervous System and of the Organs of Special Sense.																													
60.	Encephalitis																												
61.	Meningitis { 1. Simple meningitis 2. Cerebro-spinal meningitis (undefined) 3. Cerebro-spinal fever	4 3 2	1 2 1	2 1 1				3 2 1	1			1															1 1 2	3 2	
62.	Locomotor ataxia	2														2											2		
63.	Other diseases of the spinal cord	1																		1							1		
(a) Acute Anterior Poliomyelitis*																													
64.	Cerebral hemorrhage, apoplexy	42	5	1				1					1	1	2	3	3	6	6	8	3	4	3	1	18	24			
65.	Softening of the brain																												
66.	Paralysis without specified cause	2																	1	1						1	1		
67.	General paralysis of the insane	1											1														1		
68.	Other forms of mental alienation	1									1	</																	

* Deaths under italicised headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1911.	Deaths of non-residents.	AGE.																				SEX.							
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 6 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory System.—Concluded.																														
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																														
84. Diseases of the lymphatic system (lymphangitis, etc.)	2	1						1				1																2		
85. Hemorrhage; other diseases of the circulatory system.																														
Totals of circulatory system	127	7	1					1		1	5	3	3	4	3	15	6	14	10	19	11	14	10	5	3	63	65			
IV. Diseases of the Respiratory System.																														
86. Diseases of the nasal fossae																														
87. Diseases of the larynx																														
88. Diseases of the thyroid body																														
89. Acute bronchitis	2	1					1	2																				2		
90. Chronic bronchitis	6															1				1	2		1	1	1	1	5			
91. Broncho-pneumonia	19	9	3					12								1			3	1		1		1	1	15	4			
92. Pneumonia	54	2	6	3	2	2		18	1	2			2	3	6	4	3	5	4	1	4	1	1	3	1	33	21			
93. Pleurisy	2				1			1						1													2			
94. Pulmonary congestion, pulmonary apoplexy	2	1						1											1								2			
95. Gangrene of the lung																														
96. Asthma	3															1	1					1				1	2			
97. Pulmonary emphysema	1																				1						1			
98. Other diseases of the respiratory system (tuberculosis excepted)																														
Totals of respiratory system	89	2	17	6	3	2	1	29	1	2		2	4	6	4	5	6	5	5	5	5	2	5	3	55	34				
V. Diseases of the Digestive System.																														
99. Diseases of the mouth and annexa																														
100. Diseases of the pharynx	1									1																	1			
101. Diseases of the œsophagus																														
102. Ulcer of the stomach	3																1	1	1							2	1			
103. Other diseases of the stomach (cancer excepted)	1	1																				1					1			
104. Diarrhoea and enteritis (under two years)	52	6	59	2				52																		31	21			
105. Diarrhoea and enteritis (two years and over)	5					1	3	4											1							2	3			
106. Ankylostomiasis																														
107. Intestinal parasites																														
108. Appendicitis and typhlitis	5	1							1		2		1		1											3	2			
109. Hernia, intestinal obstruction	6	2											1		1	2				1				1	1	5				
110. Other diseases of the intestine	1																	1									1			
111. Acute yellow atrophy of the liver																														
112. Hydatid tumor of the liver	1	1										1															1			
113. Cirrhosis of the liver	9	1															3	1	4		1					8	1			
(a.) Due to alcoholism*	6																3		2		1					5	1			
114. Biliary calculi	4	1											1		1	1				1						2	2			
115. Other diseases of the liver	6		1					1							1	1		2			1					3	3			
116. Diseases of the spleen																														
117. Simple peritonitis (non-puerperal)																			1	1						1	2			
118. Other diseases of the digestive system (cancer and tuberculosis excepted)	3																1			1	1					1	2			
Totals of digestive system	95	13	51	2	1	3		57	1	1	2	1	3	2	5	5	3	9	2	3	2			1	54	43				

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

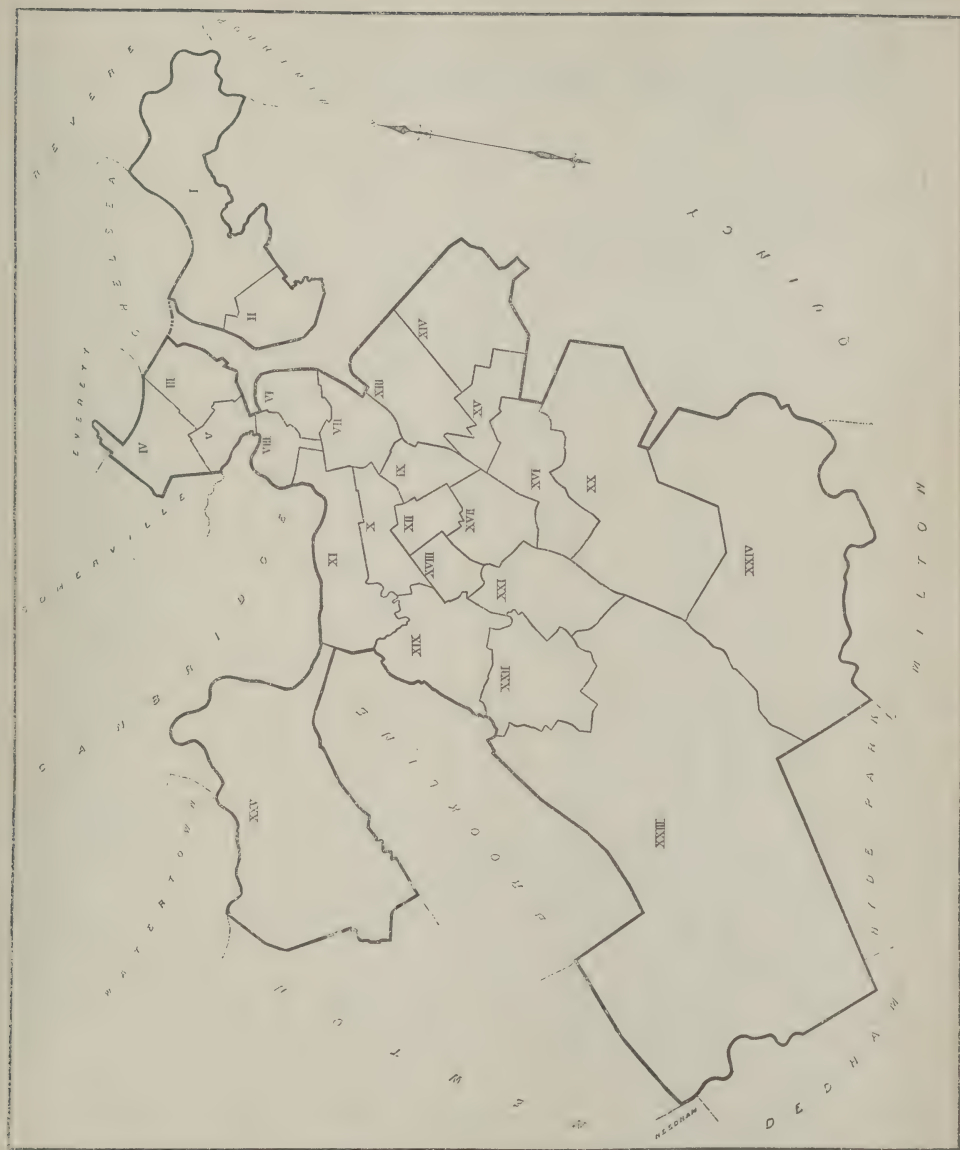
CAUSES OF DEATH.

CAUSES OF DEATH.	AGE.																											SEX.		
	Total Mortality for October, 1911.	Deaths of non-residents.	Under 1 year.	1 year and 2 years.	2 years and 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
VI. Non-venereal Diseases of the Genito-Urinary System and Annexa.																														
119. Acute nephritis	9	1					1					2	1		1		1	1	1	1							7	1		
120. Bright's disease	50	4										1	3	4	6	5	7	7	9	9	6					1		20	5	
121. Chyuria																														
122. Other diseases of the kidneys and annexa																														
123. Calculi of the urinary passages																														
124. Diseases of the bladder																														
125. Other diseases of the urethra, urinary abscess, etc.	3											1		1		1												3		
126. Diseases of the prostate	8																1	1	1	1	2			1		1	1	8		
127. Non-venereal diseases of the male genital organs																														
128. Uterine hemorrhage (non-puerperal)																														
129. Uterine tumor (non-cancerous)	1	1															1											1		
130. Other diseases of the uterus																														
131. Cysts and other tumors of the ovary	1	1										1																1		
132. Salpingitis and other diseases of the female genital organs																														
133. Non-puerperal diseases of the breast (cancer excepted)																														
Totals of genito-urinary system	81	6	1				1					4	1	4	5	6	9	9	9	11	12	7	1	1	1	1	1	48	33	
VII. Puerperal State.																														
134. Accidents of pregnancy	2										1				1															
135. Puerperal hemorrhage																														
136. Other accidents of labor	2														2													2		
137. Puerperal septicemia	3											2	1															3		
138. Puerperal albuminuria and convulsions	2										1	1																2		
139. Puerperal phlegmasia alba dolens, embolus, sudden death																														
140. Following child birth (not otherwise defined)	1								1																			1		
141. Puerperal diseases of the breast																														
Totals of puerperal state	10								1	2	2	2	2	1														10		
VIII. Diseases of the Skin and of the Cellular Tissue.																														
142. Gangrene	2										1											1								
143. Furuncle																														
144. Acute abscess	2			1			1										1										1	1		
145. Other diseases of the skin and annexa,	2	1	1				1																			1	1	1		
Totals of skin tissue	6	1	1	1			2				1					1									1	1	2	4		
IX. Diseases of the Bones and of the Organs of Locomotion.																														
146. Diseases of the bones (tuberculosis excepted)	1										1																	1		
147. Diseases of the joints (tuberculosis and rheumatism excepted)																														
148. Amputations																														
149. Other diseases of the organs of locomotion																														
Totals of bones and organs of locomotion,	1										1																	1		
X. Malformations.																														
150. Congenital malformations (still-births not included)	15	2	14	1				15																				9	6	
XI. Diseases of Early Infancy.																														
151. Congenital debility, icterus, and sclerema	39	7	39					39																				26	10	
152. Other diseases peculiar to early infancy,	21	3	21					21																				17	4	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		Total Mortality for October, 1911.		Deaths of non-residents.		AGE.																				SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
						Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
XI. Diseases of Early Infancy.—Concluded.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
153.	Lack of care																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</

BOSTON WARD MAP.



CASES REPORTED.

Month ending October 31, 1911.

WARDS.	Acute Anterior Poliomyelitis.	Actinomyces.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Miliary).	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.
1						12					1		10						4	5		1	1	
2	1				1	13					2		2	12					10	4		3	4	
3						7					6		1	4					6	1		1	1	
4						2					1		2	4		1			8	1		3	1	
5						1					1		2	3					6	1			6	
6						4			1		17		13						14	5		3	5	
7						3					1		8						11	1				
8						11					2		14	5					31	2		3	4	
9						5					6	3	12	1					17	1			4	
10						14					3		1	2					7	2			1	
11	1					1							7						3					
12						6			1		23	1	5	9					8	4		2		
13						4						1	11	1					7	6			5	
14	1					2							1	1					13	5		4		
15						4					1	1	1	1					5	2				
16						13								8					7	2		1		
17	1					9							6	8					11	6				
18						2							1	3					15	3		2		
19	1					10					1	1		5					13	1		8		
20						23			1		31		3	5					16	6		6	2	
21						5					1	1	2	5					7	2		1	1	
22						10					1		1	8					12	2		7	2	
23						7						1		8					10	6		13		
24	1					11						1	3	4		1			8	1			1	
25						11			1		1		1	13					3	3		15		
Total,	6				1	190			4		105	10	97	120		2			252	72		73	38	
Unknown,																			5					
Non-residents,					2	6							7	6					13	3		1		
Grand Total,	6				3	196			4		105	10	104	126		2			270	75		74	38	
Corresponding month last year	6				5	170			2		45		22	104		1			249	127		34		

DEATHS REPORTED.

Month ending October 31, 1911.

WARDS.	TOTAL DEATHS FROM ALL CAUSES.	Acute Anterior Poliomyelitis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebrospinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary and Miliary).	Other tubercular deaths.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.	Diarrhoea and Enteritis (under 2 years).	Diarrhoea and Enteritis (2 years and over).	Pneumonia.	Pneumonia, Broncho.
1	36																			2	1	1					3	1	6	
2	32					1														3				1		3		1		
3	13																			4				1		3				
4	14																			3	1					2		1		
5	13																			1								2	1	
6	41					1					1									4	1					5	1	7	4	
7	25																			2						3		3	1	
8	28																			6						1		3		
9	41																			6						2		5		
10	28																			1						1		2		
11	21																			2								2		
12	26																			2		1				1				
13	37																			5		1				2	1	3		
14	24																			7		1				1	1	1		
15	15					1														3						2			2	
16	30																			3	1					2		1	2	
17	39					1														6						3		1	1	
18	37																			5	2			1		2			2	
19	29																			3	1					2		2		
20	55					1					1									2		1				3		3	2	
21	30																			5						1		2	2	
22	36																			1		1		1		1		3	1	
23	29																			2						2		2		
24	32													1						2						1		2	1	
25	26					1														2	1							1		
Total.	737					1	5				2			1						82	8	6		4		46	5	52	19	
Unknown	5																			1										
Non-residents.	103					2					1									6	3	2				6		2		
Grand Total.	845					3	5				3			1						89	11	8		4		52	5	54	19	
Corresponding month last year	911	4				1	13	1						2		2				80	15	7		7		74	4	53	44	

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Ward Residence.	Date of death.	Additional deaths. Deaths of non-residents.	AGE.																SEX.					
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	Color.	Condition.	Nativity.	Nativity of Mother.	Males.	Females.
184. Homicide by other means . . .	8	July	1															1		White	Married	Canada	Ireland	1	
79. Organic diseases of the heart . .	11	Aug.	1		Aged 65															White	Unknown	U. S.	Unknown	1	
28. Tuberculosis of the lungs . . .	24	Sept	1															1		White	Single	U. S.	Ireland		1
" " " . . .	Unk	"	1																	White	Unknown	Unknown	Unknown	1	
79. Organic Diseases of the heart . .	6	"	1												1					White	Unknown	England and Wales	Unknown	1	
151. Congenital debility, icterus and sclerema	20	"	1	1					1											White	Single	U. S.	Russia	1	

LIVE STOCK INSPECTED.— BRIGHTON ABATTOIR.

Cattle inspected	695	Cattle Condemned, 15 and Parts, 7,684 lbs.
Calves "	606	Calves " 6 189 "
Sheep "	—	Sheep " — "
Swine "	4,924	Swine " 8 and Parts, 3,232 "

INSPECTION OF PROVISIONS.— ARTICLES CONDEMNED.

MEATS.	MISCELLANEOUS.
Veal (immature) 69 lbs.	Fist (tainted) 10 lbs.
Veal (tainted) 100 "	Vegetables (decayed) 27 bush.
Mutton (tainted) 17 "	Fruit " 7 "
Beef " 107 "	Nuts " 15 "
Beef (unstamped) 4,345 "	Canned goods 25 cans.
Pork 86 "	
Poultry 198 "	

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.		
Samples examined	Milk from Stores	373
" " " " " " " " " "	" " Wagons	683
" " " " " " " " " "	" brought in by Citizens	31
" " " " " " " " " "	" for bacteriological examination,	737
" " " " " " " " " "	Vinegar	110
" " " " " " " " " "	Butter and Cheese	37
" " " " " " " " " "	Ice Cream	28
Total Samples,		1,999

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	141	GONORRHOEA:	Positive	27
	Positive for release	74		Negative	103
	Negative for diagnosis	911		Unsatisfactory	0 130
	Negative for release	246			
	"No growth" cultures	12 1,384	Other examinations: * Positive	6	
TUBERCULOSIS:	Positive	107		Negative	690
	Negative	391		Unsatisfactory	0 696
	Unsatisfactory	0 498	BACTERIOLOGICAL MILK EXAMINATIONS	737	
TYPHOID:	Positive	39	" ICE CREAM "	28	
	Negative	147			
	Atypical	15	Total	3,948	
	Unsatisfactory	1 202			
	STRAUSS. C.F. AG.				
GLANDERS:	Positive, 7 45 2	54	SPECIAL WORK: Sputum digesting experiments.		
	Negative, 21 196 0	217			
	Unsatisfactory. 1 1 0	2 273			

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of October, 1911, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.14	50	82	W.	.11	Mean Barometer, 30.10
2	29.90	52	88	N., N.E.	.40	Highest Barometer, 30.57 on the 25th.
3	30.28	49	73	N.	0	Lowest Barometer, 29.54 on the 4th.
4	29.76	50	84	S.W.	.31	Monthly Range of Barometer, 1.03.
5	29.90	56	65	N.W.	0	Mean Temperature, 52.6°.
6	30.09	49	64	N.W.	.10	Highest Temperature, 73° on the 12th.
7	30.02	43	86	N.	.38	Lowest Temperature, 34° on the 23th.
8	30.22	48	66	N.W.	0	Monthly Range of Temperature, 45°.
9	30.16	58	64	W.	0	Greatest Daily Range of Temperature, 26° on the 9th.
10	30.29	56	70	S.W.	0	Least Daily Range of Temperature, 3° on the 19th.
11	30.04	58	72	W.	* T	Mean Daily Range of Temperature, 13.3°.
12	29.78	62	68	N.W.	0	Mean Daily Dew-point, 43.8°.
13	29.97	50	50	N.W.	0	Mean Daily Relative Humidity, 75.8.
14	30.14	54	58	S.W.	0	Prevailing Direction of Wind, Northwest.
15	30.12	54	95	S.W.	.16	Total Movement of Wind, 7,023 miles.
16	30.10	56	90	N.W.	* T	Highest Velocity of Wind and Direction,—33 miles from N.W. on the 5th.
17	30.21	52	92	N.E. & S.E.	* T	Number of Foggy Days, none.
18	30.05	54	93	S.E.	.27	Number of Fair Days, 6.
19	30.15	56	92	E.	* T	Number of Clear Days, 11.
20	30.25	54	90	N.E.	0	Number of Cloudy Days, 14.
21	30.22	54	95	N.E.	.40	Total Number of Days on which Rain or Snow fell, 11.
22	30.00	60	95	N.E. & S.W.	.12	Depth of Unmelted Snow on ground at end of month, none.
23	29.97	58	74	N.W.	.01	Dates of Auroras, none.
24	30.28	53	64	W.	0	Dates of Lunar Halos, 5th, 30th.
25	30.49	48	78	N. & E.	0	Dates of Solar Halos, 26, 30th.
26	30.20	54	76	W.	0	Dates of Frosts, 3d, 8th.
27	30.12	48	78	N.	.01	Thunder Storms, none.
28	30.28	40	50	N.W.	0	Mean Maximum Temperature, 59.3.
29	30.08	46	53	S.W.	0	Mean Minimum Temperature, 46.
30	30.15	50	69	W.	0	
31	30.12	54	78	S.W.	* T	
TOTALS.....	—	—	—	—	2.27	
MEANS.....	30.11	52.7	75.9	N.W.	0.07	
						MEAN TEMPERATURE for this month in.
						1871 54
						1872 52
						1873 54
						1874 53
						1875 50
						1876 48
						1877 52
						1878 56
						1879 58
						1880 52
						1881 54
						1882 55
						1883 48
						1884 53
						1885 52
						1886 52
						1887 48
						1888 52
						1889 48
						1890 51
						1891 52
						1892 53
						1893 55
						1894 54
						1895 50
						1896 50
						1897 54
						1898 54
						1899 54
						1900 57
						1901 54
						1902 54
						1903 54
						1904 51
						1905 54
						1906 52
						1907 50
						1908 55
						1909 53
						1910 56
						1911 53
						1871 53
						1872 52
						1873 54
						1874 53
						1875 50
						1876 48
						1877 52
						1878 56
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						1895 50
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						1897 54
						1898 54
						1899 54
						1900 57
						1901 54
						1902 54
						1903 54
						1904 51
						1905 54
						1906 52
						1907 50
						1908 55
						1909 53
						1910 56
						1911 53

Average mean temperature for 41 years, 52°.

Average monthly precipitation for 41 years, 3.86 inches.

* T indicates trace of precipitation.

DEATHS UNDER ONE YEAR FROM DIARRHOEA AND ENTERITIS IN THE SUMMER MONTHS OF 1910 AND 1911.

	Deaths in Boston, 1910.	Total Deaths for the year, from Barren and Ecleretic from 1880 Birth, 1910.	TOTALS FOR THE FOUR MONTHS.				JUNE.				JULY.				AUGUST.				SEPTEMBER.									
			Total Deaths under 1 year.	2 days to 1 week.	1 month to 3 months.	6 months to 9 months.	Total Deaths under 1 year.	2 days to 1 week.	1 month to 3 months.	6 months to 9 months.	Total Deaths under 1 year.	2 days to 1 week.	1 month to 3 months.	6 months to 9 months.	Total Deaths under 1 year.	2 days to 1 week.	1 month to 3 months.	6 months to 9 months.	Total Deaths under 1 year.	2 days to 1 week.	1 month to 3 months.	6 months to 9 months.						
Boston 1910	17,668	21.73	383	2	36	90	127	75	73	17	1	1	8	4	2	1	93	2	16	35	26	14	142	1	6	31	43	23
Boston 1911		23.26	410	2	33	106	132	89	61	26	1	2	10	6	6	1	111	6	26	33	29	20	163	1	9	33	43	26
Ward Residence 1	744	20.16	15			5	5	3	2						3				1		1	1	8			3	1	
2	944	21.19	20			1	8	9	2						11				1	4	5	1	3			1	1	6
3	392	12.76	5			1	2	1	1														1			1	1	1
4	867	29.97	11			1	1	3	2	4					6				1	1	2	2	1			1	2	1
5	261	30.65	8			1	1	4	2						2					1	1	1	5				1	
6	1,818	23.65	43			2	6	11	13	11	1			1	10				1	5	2	2	14				1	6
7	445	8.99	4			1	1		1	1					2				1			1	1			1		
8	1,156	13.88	15			2	4	4	4	1					4				2	2		6			1	3	1	1
9	711	18.28	13			1	2	6	3	1	1			1	4				1	2	1	5			1	1	2	1
10	282	3.65	1			1																				1		
11	334	8.47	3			1	1	1														2			1	1		1
12	324	25.38	10			1	1	4	3	1	1		1		4				1	3		5			1	3		1
13	707	25.46	18			1	2	5	5	5	1				1	9			2	4	1	2	5			1	1	2
14	695	25.18	11			1	1	6	2	1					4				1		1	1	3			3	4	
15	492	28.45	14		1		3	5	5		1			1	7				1	2	4		5		1	1	3	1
16	619	16.16	10			2	3	3	2	1			1		1							1	5			1	1	2
17	719	22.25	16			1	6	2	7	1			1		4				1		3	7			1	2	2	2
18	350	24.56	14			2	5	6	1	1				1	4				2		1	1	5			2	3	4
19	765	9.15	7			1		2	4						2						1	1	2			1	1	3
20	1,107	61.43	68		1	6	41	13	5	2	14		1	9	2	2	12		1	4	5	1	1	23		3	15	4
21	507	7	45			1	3			2			1	1		1											1	
22	679	8.84	6			1	5			1				1								4				4		1
23	599	15.02	9			1	2	2	3	1	1				1				1			5			1	1	2	1
24	855	16.37	14			1	2	5	2	4					2				1		1	11			1	1	4	2
25	568	19.43	11			1	3	4	2	1					2				1	1		5			1	2	2	4
Total Having Known Hard Residence	16,688	20.97	356	2	21	89	107	79	62	26		1	2	10	6	6	1	95	4	20	26	27	18	131	1	9	31	47

An infant asylum in Ward 20 accounts for the high rate in this ward. The next highest rates are in Wards 5 and 4. Other high rates are found in Wards 15, 13 and 12. Of the 356 deaths above tabulated 62 per cent. were under six months. Most of these 356 babies were bottle fed. Had these all been breast fed probably three-quarters of them would have lived.

SUMMER DEATHS UNDER ONE YEAR FROM DIARRHOEA AND ENTERITIS FOR THOSE HAVING KNOWN WARD RESIDENCE. 1911

NATIVITY OF MOTHER.	* Births, 1900.	Rate for the four Quarters & Excess for 1,000 Births, 1900.	DEATHS FOR THE FOUR MONTHS.									WARDS																											
			Total.	Under 2 days	1 week.	2 months.	3 months.	4 months.	5 months.	6 months.	7 months.	1 year.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
United States . . .	5,629	25.33	142		2	15	39	47	22	17			8	8	1	4	4			1	5	7	1	1	5	3	6	10	2	7	3	1	40	3	4	5	8	5	
Ireland	2,790	20.15	55			1	13	18	13	10			1		3	5	1	1			2	1				1	4	2		5	5	2	2	14	1		2	1	2
England, Scotland and Wales	596	7.91	4					3	1				1										1							1						1			
Germany	153	19.61	3				2			1							1														1						1		
Canada	1,619	24.71	40			1	9	12	13	5			2	6	1	1	1	2				1		1	3		2	2		3	5		9					1	
Scandinavia	298	6.71	2					1	1							1															1								
Italy	2,688	16.74	45			2	8	11	14	10			1	3				31			1	2										1	3					3	
France	18	35.36	1							1																											1		
Russia and Poland .	2,434	13.20	32			2	7	10	8	5			1		1			4			6			1		9	1		3			2				1		3	
Other Foreign . . .	64	33.11	20				5	5	8	2			1		1	5	3	1	1					1	1		1			2	1	1						1	
Unknown	19	815.79	6				5					1	2													1				1		1	1	1					
TOTALS	16,688	20.97	350		2	21	89	107	79	62			15	20	5	11	8	43	4	15	13	1	3	10	18	11	14	10	16	14	7	68	4	6	9	14			

* All figures for births are from the Registry Department.

Comparatively low rates are shown here for Russian and Italian children. Recent investigations by the Board of Health indicate that Russian and Italian mothers bring up their children on the breast more than do Canadian, American and Irish mothers.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of November, 1911.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of November, 1911	784
Population estimated at 688,912	Rate per 1,000 inhabitants, 13.85
Deaths of non-residents, 89	*Corrected rate per 1,000 inhabitants, 12.27

Total number 784

SEX.

Males 402

Females 382

CONDITION.

Single 367

Married 243

Widowed 164

Divorced 4

Unknown 6

COLOR.

White 757

Black (Negro or mixed) 26

Chinese 1

Total deaths of children, {

Under 1 year 138

Under 2 years 169

Under 5 years 187

NATIVITY.

United States 456

Ireland 149

England and Wales 17

Scotland 11

Germany 10

Canada 54

Italy 30

Russia and Poland 30

Sweden and Norway 10

France 1

Other Countries 12

Unknown 4

NATIVITY OF MOTHERS.

United States 214

Ireland 235

England and Wales 22

Scotland 17

Germany 13

Canada 76

Italy 66

Russia and Poland 47

Sweden and Norway 11

France 1

Other Countries 18

Unknown 64

Still-births during the month 69

*Non-residents not included.

MONTHLY STATEMENT OF DEATHS.

[illegible]

* Deaths under italicised headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1911. Deaths of non-residents.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Concluded.																											
46. Other tumors (tumors of the female genital organs excepted)																											
47. Acute articular rheumatism																											
48. Chronic rheumatism and gout		1															1									1	
49. Scurvy		1	1					1																		1	
50. Diabetes		12	1			1	1		1					1	1		1		2	1	1		2	1		7	5
51. Exophthalmic goitre		1															1									1	
52. Addison's disease																											
53. Leuchæmia		1																	1							1	
54. Anæmia, chlorosis		2	1													1	1									2	
55. Other general diseases																											
56. Alcoholism (acute or chronic)		16	2									1	3	6	2	1	2		1							10	6
57. Chronic lead poisoning		1													1											1	
58. Other chronic occupation poisonings																											
59. Other chronic poisonings																											
Totals of general diseases	226	26	12	9	1	9	31	9	4	4	5	12	11	26	25	20	22	8	17	12	11	3	4	2		123	103
II. Diseases of the Nervous System and of the Organs of Special Sense.																											
60. Encephalitis		1	1				1																			1	
61. Meningitis	1. Simple meningitis	1												1												1	
	2. Cerebro-spinal meningitis (undefined)	2	1		2		2																			1	1
	3. Cerebro-spinal fever	2	1	1			1	1																		1	1
62. Locomotor ataxia																											
63. Other diseases of the spinal cord		4		1	2		3									1										2	2
(a) Acute Anterior Poliomyelitis*		3		1	2		2																			2	1
64. Cerebral hemorrhage, apoplexy		40	3									1	2		2	2	1	5	5	3	10	8	1			17	23
65. Softening of the brain		1	1																		1					1	
66. Paralysis without specified cause		2																					1		1	1	1
67. General paralysis of the insane		3										1							2							3	
68. Other forms of mental alienation		1	1										1														
69. Epilepsy														1													
70. Convulsions (non-puerperal)																											
71. Convulsions of infants		3	2	1			3																			2	1
72. Chorea																											
73. Neuralgia and Neuritis		1										1														1	
74. Other diseases of the nervous system		1	1				1																			1	
75. Diseases of the eyes and their annexa																											
76. Diseases of the ears		3	1	1			1	1																	1		3
Totals of nervous system, etc.,	65	8	6	4	2		12	1	1			3	2	2	2	3	1	5	7	3	10	9	2		2	30	35
III. Diseases of the Circulatory System.																											
77. Pericarditis		3	1										1	1	1											3	
78. Acute endocarditis		4	2					1				3	1	1												4	2
79. Organic diseases of the heart		99	7						2	1	1	3	3	4	3	7	10	6	12	11	9	16	8	2		35	58
80. Angina pectoris		3											1						1		1					2	1
81. Diseases of the arteries, atheroma, aneurism, etc.		13																1	1		2	3	3		3	5	8
82. Embolism and thrombosis		2	1																								2

* Deaths under italicized headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1911. Deaths of non-residents.		AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory System.—Concluded.																														
83. Diseases of the veins (varicos, hemor- rhoids, phlebitis, etc.)	1																													
84. Diseases of the lymphatic system (lymphangitis, etc.)	2	1	1					1		1																		1		
85. Hemorrhage; other diseases of the cir- culatory system																														
Totals of circulatory system	123	12	1					1	1	3	1	1	6	6	7	4	7	10	7	16	11	11	14	11	3	3	50	73		
IV. Diseases of the Respiratory System.																														
86. Diseases of the nasal fossae																														
87. Diseases of the larynx																														
88. Diseases of the thyroid body	1																	1										1		
89. Acute bronchitis	10	1	6					6										1	1		1				1		7	3		
90. Chronic bronchitis	7															2			1		5	1					6	1		
91. Broncho-pneumonia	33	1	15	6	1		22											1	1	2	1	1	2		1	1	1	15	18	
92. Pneumonia	56	5	8	8	1		18	2				2	4	2	2	2	5	3	3	6	3	3	1				32	24		
93. Pleurisy	3											1				1	1										3			
94. Pulmonary congestion, pulmonary apoplexy	1																			1							1			
95. Gangrene of the lung																														
96. Asthma	1																		1									1		
97. Pulmonary emphysema																														
98. Other diseases of the respiratory system (tuberculosis excepted)	1						1	1																				1		
Totals of respiratory system	113	7	29	14	1	1	2	47	2			2	1	4	2	5	4	8	8	4	8	9	4	2	2	1	64	49		
V. Diseases of the Digestive System.																														
99. Diseases of the mouth and annexa																														
100. Diseases of the pharynx	2	1										1						1									1	1		
101. Diseases of the œsophagus																														
102. Ulcer of the stomach																														
103. Other diseases of the stomach (cancer excepted)	4		1				1		1											1	1						2	2		
104. Diarrhea and enteritis (under two years)	20	3	20				20																				10	10		
105. Diarrhea and enteritis (two years and over)	4			1			1					1	1						1								3	1		
106. Ankylostomiasis																														
107. Intestinal parasites																														
108. Appendicitis and typhlitis	5	1												2	1	1	1										2	3		
109. Hernia, intestinal obstruction	6	1	2	1			3		1			2							1		1						5	3		
110. Other diseases of the intestine																														
111. Acute yellow atrophy of the liver																														
112. Hydatid tumor of the liver																														
113. Cirrhosis of the liver	7													1		2	1		2	1							4	3		
(a.) Due to alcoholism*	3																	1	1	1							3	1		
114. Biliary calculi	1	1												1													1			
115. Other diseases of the liver	4	1												1			1	1				1					1	3		
116. Diseases of the spleen																														
117. Simple peritonitis (non-puerperal)																			1	1							1	1		
118. Other diseases of the digestive system (cancer and tuberculosis excepted)	2																		1	1							1	1		
Totals of digestive system	57	8	23	2			25		2			2	2	6	1	4	5	3	3	3		1					36	27		

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

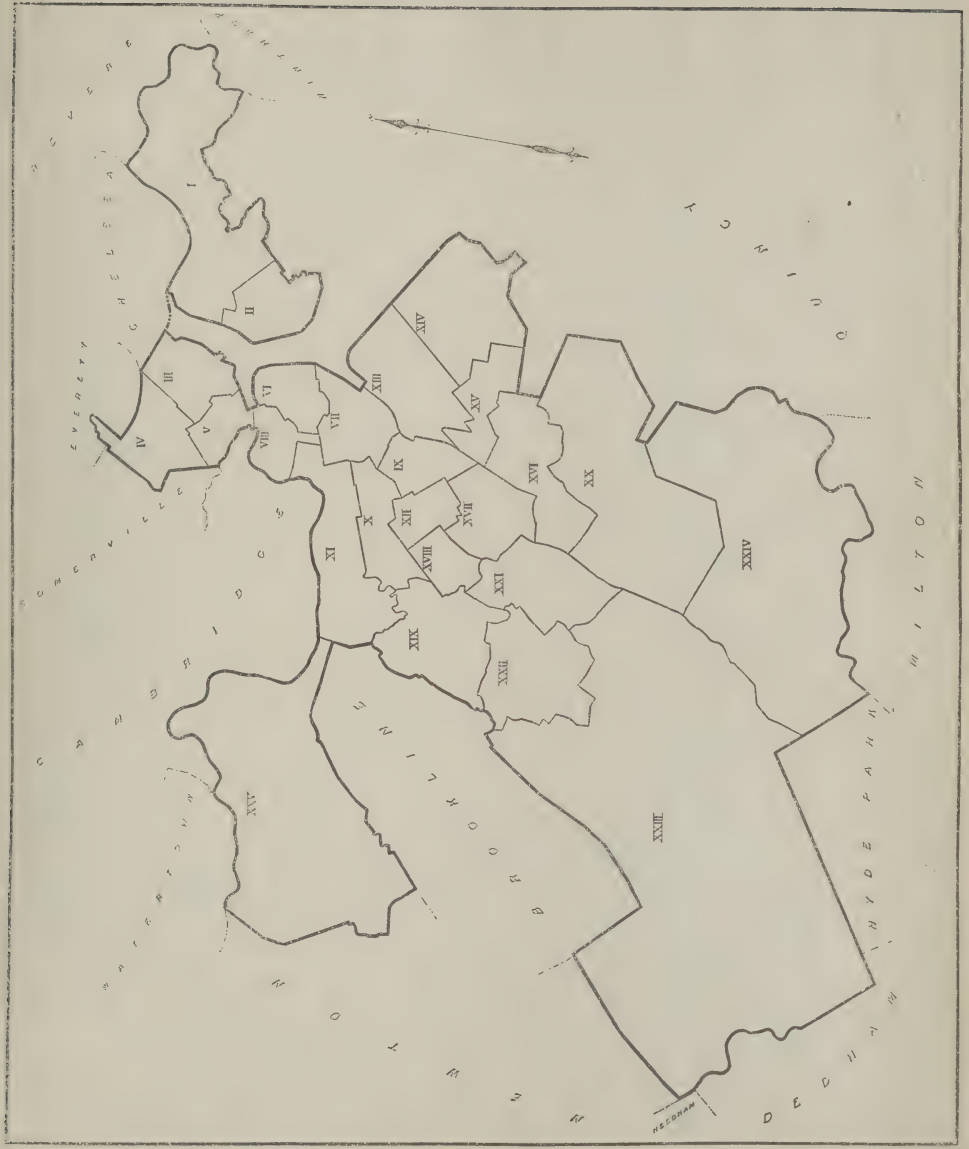
CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for November, 1911.	Deaths of non-residents.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
VI. Non-venereal Diseases of the Genito-Urinary System and Annexa.																														
119. Acute nephritis	3									1					1	1													1	2
120. Bright's disease	46	2								1			12	2	3	5	5	6	6	7	3	3	1	2					19	2
121. Chyluria																														
122. Other diseases of the kidneys and annexa	2	2	1				1									1													1	1
123. Calculi of the urinary passages																														
124. Diseases of the bladder																														
125. Other diseases of the urethra, urinary abscess, etc.	1																			1									1	
126. Diseases of the prostate	1																						1						1	
127. Non-venereal diseases of the male genital organs																									1				1	
128. Uterine hemorrhage (non-puerperal)																														
129. Uterine tumor (non-cancerous)	2	1													1	1														2
130. Other diseases of the uterus																														
131. Cysts and other tumors of the ovary																														
132. Salpingitis and other diseases of the female genital organs																														
133. Non-puerperal diseases of the breast (cancer excepted)																														
Totals of genito-urinary system	55	5	1				1			2			2	2	6	7	5	6	7	7	3	3	2	2					23	32
VII. Puerperal State.																														
134. Accidents of pregnancy	2														2															2
135. Puerperal hemorrhage	1									1																				1
136. Other accidents of labor	1														1															1
137. Puerperal septicemia	3	2								2	1																			3
138. Puerperal albuminuria and convulsions	4	2										2	1		1															4
139. Puerperal plegmasia alba dolens, embolus, sudden death																														
140. Following child birth (not otherwise defined)																														
141. Puerperal diseases of the breast																														
Totals of puerperal state	11	4								2	4	1		3	1															11
VIII. Diseases of the Skin and of the Cellular Tissue.																														
142. Gangrene	1	1																			1								1	
143. Furuncle																														
144. Acute abscess	4		1				1										1	1			1								1	3
145. Other diseases of the skin and annexa																														
Totals of skin tissue	5	1	1				1										1	1			1	1							2	3
IX. Diseases of the Bones and of the Organs of Locomotion.																														
146. Diseases of the bones (tuberculosis excepted)	2								1						1														1	1
147. Diseases of the joints (tuberculosis and rheumatism excepted)																														
148. Amputations																														
149. Other diseases of the organs of locomotion																														
Totals of bones and organs of locomotion	2								1						1														1	1
X. Malformations.																														
150. Congenital malformations (still-births not included)	13	2	12	1			13																						8	5
XI. Diseases of Early Infancy.																														
151. Congenital debility, icterus, and sclerema	35	3	34	1			35																						21	14
152. Other diseases peculiar to early infancy	13		13				13																						6	7

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																										SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	Total Mortality for November, 1911.		Deaths of Non-residents.																				Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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XI. Diseases of Early Infancy.—Concluded.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

BOSTON WARD MAP.



CASES REPORTED.

Month ending November 30, 1911.

WARDS.	Anterior Polomyelitis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trauma.	Trichinosis.	Tuberculosis (Pulmonary Laryngeal and Millary).	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.
1						5					3	1		12					5			1		
2	1					18					9	2	7	10					11	1		14	2	
3											18			5					3	2		1	10	
4						1					1		2	2					5	2		7	3	
5						3					6		1	1					4	3			7	
6						7					37	3	8						19	8			6	
7						3							6						13					
8						11					7		11	2					21	1		8	5	
9						7					3		5	2					12			4	2	
10											2		1	1					4	1		3		
11						8							7							3		2	1	
12						1					7		6	2					10			1	4	
13						6					1		10	3					5	5		4	3	
14				1		4					2			2					5	1		3		
15						1					1		1						5	5		1		
16						11					1	1	2	2					4	2		4		
17						12					2	1	5	10					9	1				
18					1	4					1		1	2					4			7	3	
19						12							3	3					3			1	2	
20	1					18					4	1	2	8					14	4		8	4	
21						9					1		3	5					10	4		1		
22	1				1	10					5		1	5					3	2		5	1	
23						4					3	1		3					4	8		11		
24						4					4			4					8	3			2	
25						11					1	1	1	8					6	3		22		
Total,	3				3	170					119	11	83	92					187	59		108	55	
Unknown,																			2					
Non-residents,					2	10							1	11	2		2		16	2				
Grand Total,	3				5	180					119	11	84	103	2		2		205	61		108	55	
Corresponding month last year	7				3	185			2		73	15	15	127		1			235	77		58	42	

NOTE.—The two cases of smallpox were immigrants at quarantine.

DEATHS REPORTED.

Month ending November 30, 1911.

WARDS.	TOTAL DEATHS FROM ALL CAUSES.	Anterior Polio-myelitis.	Aethnomyositis.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary Laryngeal and Miliary).	Other tubercular deaths.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.	Diarrhea and Enteritis (under 2 years).	Diarrhea and Enteritis (2 years and over).	Pneumonia.	Pneumonia, Bronchic.		
1	29					1									1					2	1	1					1		1			
2	36					2						1								3	1									4		
3	20																			2	1						1			1		
4	18																			3					1				1	1		
5	18											1								1		1		2			1		1	2		
6	39											1										3		2				1	8	4		
7	22																			2									4			
8	30					1														3									4	3		
9	35																			3		1					1		3	1		
10	21																			4									1			
11	18																			2										1		
12	24													1														1	1			
13	24																												2	2		
14	24					1														1							1			1		
15	21																			5	1								1	1		
16	23																			2	1						3		2			
17	31					2														7							1	1	1	2		
18	27					1								1						3	1						1		2	1		
19	22																			5							1			1		
20	48	1										3								3		1					5		3			
21	38																			1									5	1		
22	27	2																											2	4		
23	32																			6	1	3							1			
24	39																1			3							1	1	4	2		
25	22																					1									1	
Total.	688	3				2	6					6		3		1				61	8	10			5	17	4	51	32			
Unknown.	7																															
Non-residents.	89					2	1			1				1						9	2	1					3		5	1		
Grand Total.	784	3				4	7			1		6		4		1				70	10	11			5	20	4	56	33			
Corresponding month last year.	873					1	5					2		2		1				85	9	17			7	37	3	77	48			

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Ward.	Residence.	Date of death.	Additional deaths.	AGE.																	Color.	Condition.	Nativity.	Nativity of Mother.	SEX	
					Deaths of non-residents.																					Males.	Females.
					Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and over.						
184. Homicide by other means . . .	Unk.	May	1	1						1												White	Single	Unknown	Unknown	1	
131. Congenital debility, etc. . . .	2	Oct.	2	2						2												White	Single	U. S.	Canada	2	

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected . . .	1,183	Cattle Condemed, 15 and Parts,	4,011 lbs.
Calves " . . .	638	Calves " 3 . . .	101 "
Sheep " . . .	—	Sheep " . . .	—
Swine " . . .	5,275	Swine " 6 and Parts,	3,543 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		MISCELLANEOUS.	
Veal (not stamped) . . .	37 lbs.	Poultry (tainted) . . .	1,156 lbs.
Mutton (tainted) . . .	175 "	Eggs " . . .	12 doz.
Beef " . . .	185 "	Vegetables . . .	4 bush.
Pork " . . .	1,763 "	Fish . . .	10 lbs.
		Fruit . . .	1/8 bush.

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores . . .	523
" "	" " Wagons . . .	624
" "	" brought in by Citizens . . .	67
" "	" for bacteriological examination,	706
" "	Vinegar . . .	13
" "	Butter and Cheese . . .	72
" "	Ice Cream . . .	60
Total Samples,		2,065

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis . . .	142	GONORRHOEA:	Positive . . .	25
	Positive for release . . .	93		Negative . . .	100
	Negative for diagnosis . . .	971		Unsatisfactory . . .	0
	Negative for release . . .	319			125
	"No growth" cultures . . .	4			1,529
TUBERCULOSIS:	Positive . . .	83	Other examinations:*		
	Negative . . .	396	Positive . . .		
	Unsatisfactory . . .	0	Negative . . .		
TYPHOID:			Unsatisfactory . . .		
	Positive . . .	23	BACTERIOLOGICAL MILK EXAMINATIONS . . .		
	Negative . . .	139	" ICE CREAM " . . .		
	Atypical . . .	9	Total . . .		
GLANDERS:	Unsatisfactory . . .	1	4,058		
			SPECIAL WORK:		
	Positive, 10 24 72 106		Sputum digesting experiments. Bacteriological		
	Negative, 11 167 28 196		examination of Oysters.		
	Unsatisfactory. 6 1 0 7 . 309				

* Paratyphoid, Specimens, Typhoid Urine, Cholera, Syphills, K-L Vir, Organisms, Malaria, Ophthalmia, G-U T. B.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of November, 1911, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITA- TION.	GENERAL ITEMS.
1	30.01	49	94	N.	.16	Mean Barometer, 29.98
2	30.24	88	74	N.W.	* T	Highest Barometer, 30.46 on the 3d.
3	30.45	38	70	W.	0	Lowest Barometer, 29.30 on the 18th.
4	30.40	43	61	W.	0	Monthly Range of Barometer, 1.16.
5	30.42	44	75	E.	0	Mean Temperature, 41.8°.
6	30.25	45	82	E.	.16	Highest Temperature, 68° on the 12th.
7	29.54	56	76	W.	.17	Lowest Temperature, 25° on the 17th.
8	29.88	47	60	W.	0	Monthly Range of Temperature, 43°.
9	30.27	44	74	E.	0	Greatest Daily Range of Temperature, 28° on the 29th.
10	30.21	47	88	E.	.09	Least Daily Range of Temperature, 4° on the 16th.
11	30.21	54	90	W.	0	Mean Daily Range of Temperature, 15.3°.
12	29.70	54	80	S.W.	.48	Mean Daily Dew-point, 32.6°.
13	30.14	34	73	W.	* T	Mean Daily Relative Humidity, 71.9.
14	30.32	32	70	W.	.08	Prevailing Direction of Wind, West.
15	29.56	42	84	W.	.70	Total Movement of Wind, 8,343 miles.
16	29.91	35	62	W. & N. W.	* T	Highest Velocity of Wind and Direction,—38 miles from S.W. on the 12th.
17	30.08	34	41	W.	* T	Number of Foggy Days, 1.
18	29.33	47	78	W.	1.01	Number of Fair Days, 10.
19	29.65	42	50	W.	0	Number of Clear Days, 10.
20	29.95	40	75	S.W.	* T	Total Number of Days on which Rain or Snow fell, 11.
21	29.86	37	73	N.W.	.01	Depth of Unmelted Snow on ground at end of month, none.
22	30.17	32	60	N.W.	0	Dates of Auroras, none.
23	30.22	36	62	S.W.	0	Dates of Lunar Halos, none.
24	29.60	46	92	S.W.	.85	Dates of Solar Halos, 6, 14, 17th.
25	29.75	33	60	N.W.	0	Thunder Storms, 12th.
26	29.95	37	65	W.	0	Dates of Frosts, not recorded.
27	30.28	43	68	W.	0	Mean Maximum Temperature, 49.5.
28	29.89	50	90	S.	.58	Mean Minimum Temperature, 34.2
29	29.69	46	74	W.	0	
30	29.92	34	59	W.	0	
31	—	—	—	—	—	
TOTALS.....	—	—	—	—	4.29	
MEANS.....	30.00	42.0	72.0	W.	0.14	
						MEAN TEMPERATURE for this month in.
						1871 37
						1872 41
						1873 33
						1874 42
						1875 35
						1876 41
						1877 44
						1878 41
						1879 39
						1880 38
						1881 44
						1882 39
						1883 45
						1884 41
						1885 44
						1886 43
						1887 42
						1888 44
						1889 45
						1890 42
						1891 41
						1892 41
						1893 42
						1894 38
						1895 45
						1896 46
						1897 41
						1898 42
						1899 42
						1900 45
						1901 37
						1902 46
						1903 40
						1904 38
						1905 42
						1906 42
						1907 43
						1908 44
						1909 46
						1910 41
						1911 42
						1871 37
						1872 41
						1873 33
						1874 42
						1875 35
						1876 41
						1877 44
						1878 41
						1879 39
						1880 38
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						1893 42
						1894 38
						1895 45
						1896 46
						1897 41
						1898 42
						1899 42
						1900 45
						1901 37
						1902 46
						1903 40
						1904 38
						1905 42
						1906 42
						1907 43
						1908 44
						1909 46
						1910 41
						1911 42

Average mean temperature for 41 years, 41.3°.

Average monthly precipitation for 41 years, 4.10 inches.

*T indicates trace of precipitation.

DEATHS FROM CANCER AND OTHER MALIGNANT TUMORS, BY RESIDENCE, BY SEX, AND BY MOTHER NATIVITY, WITH PERCENTAGES.

NATIVITY OF MOTHERS.	Percentage of Whites. * 1900 Census.	Cancer death percentages of ward residents	CANCER DEATHS IN BOSTON.			WARD RESIDENCE.																									Total with known Wd. Residence.	Non- residents
			Total.	Male.	Female.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
United States . . .	30.05	25.61	193	61	132	4	2	3	2		4	2	1	7	17	7		3	3	5	1	5	2	21	17	10	8	15	9	148	45	
Ireland	31.14	36.65	342	88	154	6	7	15	6	10	3	4	2	4	4	7	3	13	10	16	6	14	10	20	11	11	9	6	12	3	212	30
England and Wales . .	4.24	3.11	22	10	12	2								1	1			1	1	1		1	1		1	4	2	2		18	4	
Scotland	1.84	2.25	16	7	9					1	1	2				2	1						1	2	2	1				13	3	
Germany	4.26	4.33	27	13	14												1		3		2	3	3	1	2	3	5	1	1	25		
Canada	12.69	8.30	62	14	48	1	1	1	1		1	1	2	1	2	2	1	4	1	1	1	2	2	9	4	3	1	4	2	48	14	
Norway and Sweden.	1.93	1.88	10	3	7	3	1														1			1	2					8	2	
Italy	3.65	2.42	14	8	6	1	2			6	2	1							1	1										14		
France35																															
Russia and Poland . .	5.19	4.67	28	18	10	1				3		7	1			1	1			2		1	1	3	3	1		2		27	1	
Other foreign	1.66	1.73	14	5	9	2					2		2									1				1	2			10	4	
Unknown . . . . .	.70	9.62	65	30	35	1	1		2	2	2	2	1	6	1	1	3	2		3	4	3	2	3	3	1	5	6	1	35	10
TOTALS	97.60	100—	693	257	436	21	14	19	11	13	14	16	14	19	13	23	19	18	21	22	21	24	23	32	51	43	35	27	44	16	578	113

* 2.29 per cent. of Boston's population in 1900 was colored, and 2.02 per cent. of all cancer deaths in 1910 were colored.

WARD RESIDENCE.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	Total with known residents.
Population 1910 Census.	29,676	28,812	15,330	13,294	12,811	35,758	14,013	32,430	26,427	25,320	27,444	24,294	21,561	23,584	21,216	25,633	26,126	22,735	31,714	55,720	30,511	29,973	30,668	37,740	26,575	670,385
Cancer Death Rate per 10,000 Population.	7.68	4.86	12.59	8.27	10.15	3.92	10.73	4.52	7.21	5.13	10.20	7.82	8.33	8.50	10.37	8.19	9.10	10.12	10.09	9.15	14.09	11.68	8.50	11.66	6.02	8.62

DEATHS OF THOSE HAVING KNOWN WARD RESIDENCE FROM THE PRINCIPAL FORMS OF CANCER AND MALIGNANT TUMOR BY MOTHER NATIVITY WITH PERCENTAGES.

NATIVITY OF MOTHERS.	Cancer of Stomach.	Cancer of Intestines.	Cancer of Female Genital Organs.	Cancer of Breast.	PERCENTAGES.			
					Cancer of Stomach.	Cancer of Intestines.	Cancer of Female Genital Organs.	Cancer of Breast.
United States . . .	43	24	24	22	21.29	25.00	29.63	33.33
Ireland	79	34	28	29	39.11	35.41	34.57	43.94
England and Wales .	7	3	3		3.47	3.13	3.70	
Scotland	6		2		2.97		2.47	
Germany	10	3	4	2	4.05	3.13	4.94	3.03
Canada	13	9	8	6	6.44	9.33	9.88	9.09
Norway and Sweden.	2	2	2		.99	2.08	2.47	
Italy	8				3.96			
France								
Russia and Poland .	13	6	1	1	6.44	6.25	1.23	1.52
Other foreign	8	1	3		1.49	1.04	3.70	
Unknown	18	14	6	6	8.91	14.58	7.40	2.69
TOTALS	292	98	91	66	100—	100—	100—	100—

How essential it is to deduct deaths of non-residents before making estimates is clearly shown in the deaths from cancer for the year 1910.

Of 71 deaths from cancer of the breast, 5 were non-residents.

Of 109 deaths from cancer of the female genital organs, 28 were non-residents.

Of 123 deaths from cancer of the intestines, 26 were non-residents.

Of 222 deaths from cancer of the stomach, 19 were non-residents.

And of the total 693 deaths from all forms of cancer, 113 were non-residents.

From the above percentages the mother nationalities having more than their share of deaths from cancer were the Irish, Scotch German and "other foreign," while those having less than their share were the Swedish, native, Italian, English, Russian and Scandinavian.

The low rates of Wards 5, 6 and 8 are very striking and taken alone might lead to the conclusion that these districts are peculiarly free from cancer. However, a more reasonable explanation is found for Wards 5 and 2 in the large number of Italians who dwell in these wards, for it is well known that Italians, both in this country and in Italy have comparatively low death rates from cancer.

Further explanation is found in the comparatively large numbers of young people in these three wards, below the age of usual cancer attack.

The percentages in the last table suggest that certain organs of people of certain mother nationalities are comparatively free from cancer attack, but the number of deaths above tabulated is too small to be more than suggestive especially in the absence of recent population figures for the various age-periods of the various mother nationalities.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of December, 1911.

Published by order of the Board of Health.

SAMUEL H. DURGIN,

MD.,
Chairman.

(International Classification of Causes of Death as revised by the International Commission, Paris, July 1 to 3, 1909.)

Deaths during the month of December, 1911	930
Population estimated at 688,912	Rate per 1,000 inhabitants, 15.89
Deaths of non-residents, 95	*Corrected rate per 1,000 inhabitants, 14.27

Total number 930

SEX.

Males 507
Females 423

CONDITION.

Single 394
Married 332
Widowed 184
Divorced 8
Unknown 12

COLOR.

White 912
Black (Negro or mixed) 17
Chinese 1

Total deaths of children {
Under 1 year 137
Under 2 years 158
Under 5 years 190

NATIVITY.

United States 535
Ireland 171
England and Wales 20
Scotland 6
Germany 11
Canada 92
Italy 24
Russia and Poland 29
Sweden and Norway 11
France —
Other Countries 14
Unknown 17

NATIVITY OF MOTHERS.

United States 246
Ireland 308
England and Wales 31
Scotland 17
Germany 18
Canada 90
Italy 63
Russia and Poland 48
Sweden and Norway 13
France —
Other Countries 21
Unknown 75
Still-births during the month 52

*Non-residents not included

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for December, 1911. Deaths of non-residents.	AGE.																								SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

*Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1911. Deaths of non-residents.		AGE.																												SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and over.	10 years and over.	15 years and over.	20 years and over.	25 years and over.	30 years and over.	35 years and over.	40 years and over.	45 years and over.	50 years and over.	55 years and over.	60 years and over.	65 years and over.	70 years and over.	75 years and over.	80 years and over.	85 years and over.	90 years and over.	Males.	Females.				
I. General Diseases.—Concluded.																																
46. Other tumors (tumors of the female genital organs excepted)	1																	1										1				
47. Acute articular rheumatism																																
48. Chronic rheumatism and gout																																
49. Scurvy																																
50. Diabetes	17	3															1	1	2	4	3	3		3				12	5			
51. Exophthalmic goitre																																
52. Addison's disease																																
53. Leuchæmia																																
54. Anæmia, chlorosis	5	1										1	1				1	1		1								5				
55. Other general diseases	1				1		1																					1				
56. Alcoholism (acute or chronic)	21	4					1					1	3	2	6	5	1	2										16	5			
57. Chronic lead poisoning																																
58. Other chronic occupation poisonings																																
59. Other chronic poisonings																																
Totals of general diseases	257	28	10	6	6	4	6	32	11	3	7	14	20	15	21	24	21	14	18	12	17	13	11	4			145	112				
II. Diseases of the Nervous System and of the Organs of Special Sense.																																
60. Encephalitis	1															1												1				
61. Meningitis {	3	2					2									1												1	2			
	1				1		1																					1				
62. Locomotor ataxia	1															1												1				
63. Other diseases of the spinal cord	1											1																1				
(a) <i>Acute Anterior Poliomyelitis</i> *																																
64. Cerebral hemorrhage, apoplexy	47	2											1		1	3	5	2	11	10	4	4	3	2	1		24	23				
65. Softening of the brain	2																			1	1						1	1				
66. Paralysis without specified cause	4																		1	1	2						1	3				
67. General paralysis of the insane	1												1															1				
68. Other forms of mental alienation	4											1				1	1		1									4				
69. Epilepsy																																
70. Convulsions (non-puerperal)																																
71. Convulsions of infants	2		1	1			2																					2				
72. Chorea																																
73. Neuralgia and Neuritis	1																					1						1				
74. Other diseases of the nervous system	6	4	1				1	2	2							1	1											4	2			
75. Diseases of the eyes and their annexa																																
76. Diseases of the ears	1	1														1													1			
Totals of nervous system, etc.,	75	7	4	1	1		1	7	2			1	1	2	1	3	6	5	4	12	13	6	4	3	2	1	37	38				
III. Diseases of the Circulatory System.																																
77. Pericarditis	1										1																	1				
78. Acute endocarditis	2																			1								1	1			
79. Organic diseases of the heart	129	9							2	2	1	3	2	8	3	7	12	18	13	13	20	10	10	3	1	1	56	73				
80. Angina pectoris	6											1						1	1	2					1		2	4				
81. Diseases of the arteries, atheroma, aneurism, etc.	9															1				1	1	2	2		2		3	1				
82. Embolism and thrombosis	3														1	1						1					2	1				

* Deaths under italicised headings are included in those of main heading.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for December, 1911.	Deaths of non-residents.	AGE.																										SEX.																													
																													Males.	Females.																												
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.																																
III. Diseases of the Circulatory System.—Concluded.																																																										
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																																																										
84. Diseases of the lymphatic system (lymphangitis, etc.)																															5	5																							3	2		
85. Hemorrhage; other diseases of the circulatory system.																																				5																						
Totals of circulatory system																															105	9	5				5	2	2	8	3	3	9	4	8	13	18	14	17	22	12	12	3	4	1	70	85	
IV. Diseases of the Respiratory System.																																																										
86. Diseases of the nasal fossae																																																										
87. Diseases of the larynx																																																										
88. Diseases of the thyroid body																																																										
89. Acute bronchitis																															5		1	2			3											1				1					2	3
90. Chronic bronchitis																															5																		1	2	1		1				3	2
91. Broncho pneumonia																															42	4	20	5	1		26					1	3		1	2		1	1	1	4	2				20	22	
92. Pneumonia																															92	5	12	3	7		1	23	3		3	1	3	10	6	5	6	5	8	9	3	5	2			55	37	
93. Pleurisy																															3	1												2							1						2	1
94. Pulmonary congestion, pulmonary apoplexy																															2																1		1							1	1	
95. Gangrene of the lung																															1													1												1		
96. Asthma																															3											1					1		1								3	
97. Pulmonary emphysema																																																										
98. Other diseases of the respiratory system (tuberculosis excepted)																															1							1																			1	
Totals of respiratory system																															154	10	33	10	8		1	52	3	1	3	1	4	14	9	6	9	7	11	13	6	10	5			84	70	
V. Diseases of the Digestive System.																																																										
99. Diseases of the mouth and annexa																																																										
100. Diseases of the pharynx																															1																					1					1	
101. Diseases of the œsophagus																																																										
102. Ulcer of the stomach																															8	2											1	1	1	1	1	3								5	3	
103. Other diseases of the stomach (cancer excepted)																															6		1			1								1							1	1	1		1	2	4	
104. Diarrhœa and enteritis (under two years)																															17		14	3			17																				10	7
105. Diarrhœa and enteritis (two years and over)																															7	2								1	1					1	1			1		2				4	3	
106. Ankylostomiasis																																																										
107. Intestinal parasites																																																										
108. Appendicitis and typhlitis																															6	4				1	1	2					1	1		1										6		
109. Hernia, intestinal obstruction																															10	1				1	1					1	1		1	1	1		2	1					3	7		
110. Other diseases of the intestine																																																										
111. Acute yellow atrophy of the liver																																																										
112. Hydatid tumor of the liver																																																										
113. Cirrhosis of the liver																															7	1											2	2	1				2							6	1	
(a.) Due to alcoholism *																															3												1	1				1							3			
114. Biliary calculi																															4	1														3				1							4	
115. Other diseases of the liver																															4		1				1					1						1					1			1	3	
116. Diseases of the spleen																																																										
117. Simple peritonitis (non-puerperal)																															1	1						1																				1
118. Other diseases of the digestive system (cancer and tuberculosis excepted)																																																										
Totals of digestive system																															71	12	16	3		1	1	21	3			2	1	2	5	5	3	7	4	5	2	4	1	0		1	37	54

* Deaths under italicized headings are included in those of the main heading.

MONTHLY STATEMENT OF DEATHS.

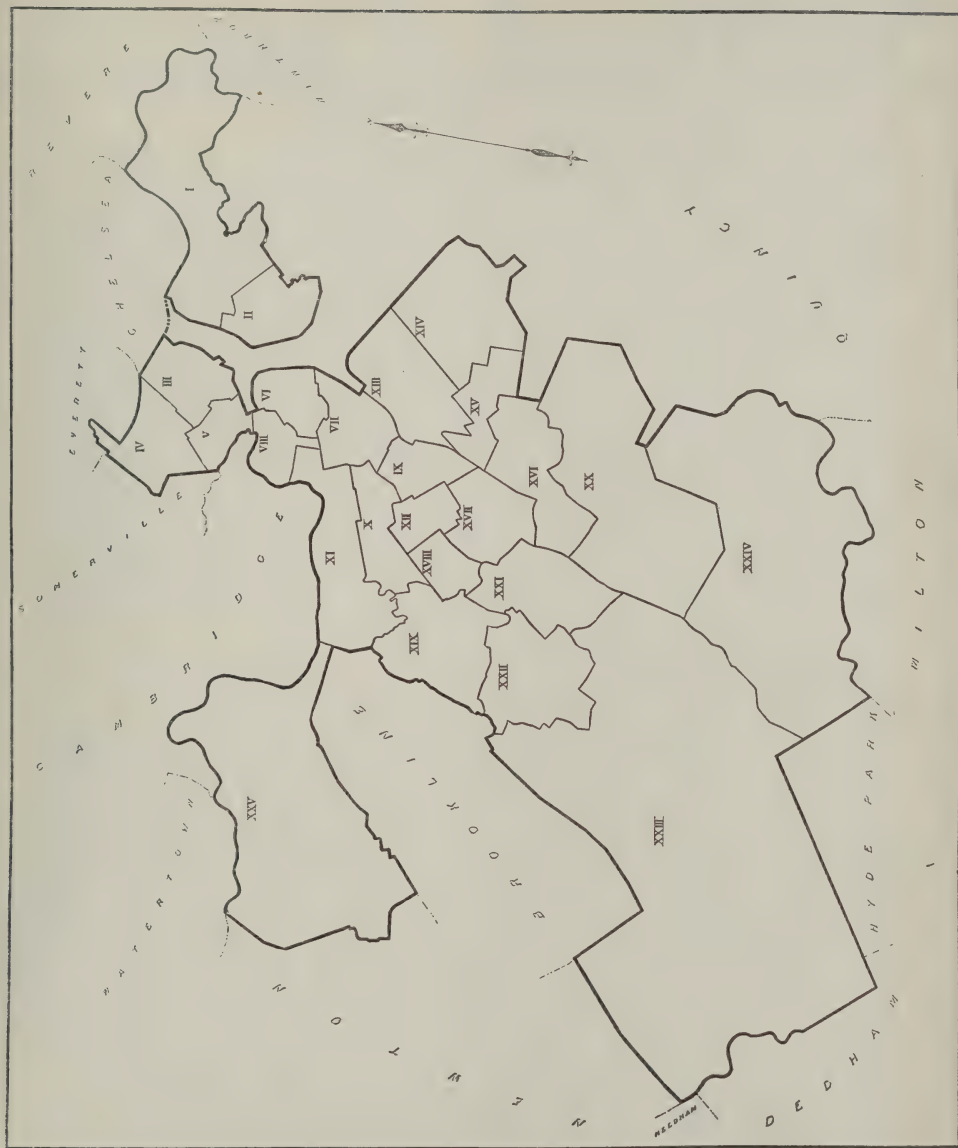
CAUSES OF DEATH.

CAUSES OF DEATH.		AGE.																												SEX.	
		Total Mortality for December, 1911. Deaths of non-residents.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
VI. Non-venereal Diseases of the Genito-Urinary System and Annexa.																															
119.	Acute nephritis	1																	1									1			
120.	Bright's disease	54	3							1		2	1	3	4	2	6	10	5	5	5	2	1					24			
121.	Chyluria																														
122.	Other diseases of the kidneys and annexa	4															1			1	2							3	1		
123.	Calculi of the urinary passages	1																						1				1			
124.	Diseases of the bladder																														
125.	Other diseases of the urethra, urinary abscess, etc.	1													1													1			
126.	Diseases of the prostate	5	1														1		2		1	1						5			
127.	Non-venereal diseases of the male genital organs																														
128.	Uterine hemorrhage (non-puerperal)																														
129.	Uterine tumor (non-cancerous)	3	3									1	1				1											3			
130.	Other diseases of the uterus																														
131.	Cysts and other tumors of the ovary																														
132.	Salpingitis and other diseases of the female genital organs	2	2								1					1												2			
133.	Non-puerperal diseases of the breast (cancer excepted)																														
Totals of genito-urinary system		71	9							1	3	2	4	5	5	7	12	7	8	8	5	3	1				40	31			
VII. Puerperal State.																															
134.	Accidents of pregnancy																														
135.	Puerperal hemorrhage																														
136.	Other accidents of labor	1													1													1			
137.	Puerperal septicemia	3	1								2			1														3			
138.	Puerperal albuminuria and convulsions	2									1			1														2			
139.	Puerperal phlegmasia alba dolens, embolus, sudden death																														
140.	Following child birth (not otherwise defined)																														
141.	Puerperal diseases of the breast																														
Totals of puerperal state		6	1							3			2	1														6			
VIII. Diseases of the Skin and of the Cellular Tissue.																															
142.	Gangrene	2																			2							2			
143.	Furuncle																														
144.	Acute abscessa																														
145.	Other diseases of the skin and annexa,	1	1																						1		1				
Totals of skin tissue		3	1																	2					1		1	2			
IX. Diseases of the Bones and of the Organs of Locomotion.																															
146.	Diseases of the bones (tuberculosis excepted)	1				1		1																				1			
147.	Diseases of the joints (tuberculosis and rheumatism excepted)	1																							1			1			
148.	Amputations																														
149.	Other diseases of the organs of locomotion																														
Totals of bones and organs of locomotion,		2				1		1																	1		1	1			
X. Malformations.																															
150.	Congenital malformations (still-births not included)	10	3	8	1			9				1															5	5			
XI. Diseases of Early Infancy.																															
151.	Congenital debility, icterus, and sclerema	45	2	45				45																			28	17			
152.	Other diseases peculiar to early infancy,	16		16				16																			10	6			

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																				SEX.	
	Total Mortality for December, 1911.																					
	Deaths of non-residents.																					
	Under 1 year.																					
	1 year and under 2 years.																					
	2 years and under 3 years.																					
	3 years and under 4 years.																					
	4 years and under 5 years.																					
	Total under 5 years.																					
	5 years and under 10 years.																					
	10 years and under 15 years.																					
	15 years and under 20 years.																					
	20 years and under 25 years.																					
	25 years and under 30 years.																					
	30 years and under 35 years.																					
	35 years and under 40 years.																					
	40 years and under 45 years.																					
	45 years and under 50 years.																					
	50 years and under 55 years.																					
	55 years and under 60 years.																					
	60 years and under 65 years.																					
	65 years and under 70 years.																					
	70 years and under 75 years.																					
	75 years and under 80 years.																					
	80 years and under 85 years.																					
	85 years and under 90 years.																					
	90 years and over.																					
	Males.																				Females.	
XI. Diseases of Early Infancy.—Concluded.																						
153. Lack of care																						
Totals of early infancy	61	2	61																		38 23	
XII. Old Age.																						
154. Senility	1																		2	1	1 4	
XIII. Affections Produced by External Causes.																						
155. Suicide by poison	3																				2 1	
156. Suicide by asphyxia	4	1																			2 2	
157. Suicide by hanging or strangulation . .	3	1																			3	
158. Suicide by drowning	1																				1	
159. Suicide by firearms	1																				1	
160. Suicide by cutting or piercing instru- ments																						
161. Suicide by jumping from a high place .																						
162. Suicide by crushing																						
163. Other suicides																						
164. Poisoning by food																						
165. Other acute poisonings	2																				2	
166. Conflagration	3																				2 1	
167. Burns (conflagration excepted)	5																				3 2	
168. Absorption of deleterious gases (con- flagration excepted)	2																				2	
169. Accidental drowning	3	1																			3	
170. Traumatism by firearms																						
171. Traumatism by cutting or piercing in- struments																						
172. Traumatism by fall	15	2																			12 3	
173. Traumatism in mines and quarries . .																						
174. Traumatism by machines	2	1																			2	
175. Traumatism by other crushing (vehicles, railroad, land slides, etc.)	11	6																			10 1	
176. Injuries by animals																						
177. Starvation																						
178. Excessive cold																						
179. Effects of heat																						
180. Lightning																						
181. Electricity (lightning excepted) . . .																						
182. Homicide by firearms	2																				2	
183. Homicide by cutting or piercing instru- ments																						
184. Homicide by other means	1																				1	
185. Fractures (cause not specified) . . .	1	1																			1	
186. Other external violence	1																				1	
Totals of affections by external causes.	60	13																			48 12	
XIV. Ill-defined Diseases.																						
187. Ill-defined organic disease																						
188. Sudden death	1																				1	
189. Cause of death not specified or ill- defined																						
Totals of ill-defined diseases	1																				1	
Totals from all causes	360	85	137	21	15	7	10	100	35	5	15	27	36	41	57	61	66	65	63	66	70 423	

BOSTON WARD MAP.



CASES REPORTED.

Month ending December 31, 1911.

WARDS.	Anterior Polymyositis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro-spinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Pustule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trauma.	Trichinosis.	Tuberculosis (Pulmonary) Laryngeal and Miliary.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.
1					1	3					40	1		8					4			12	3	
2						7			1		71	5	2	11					9	4		18	10	
3						5					47		1	2					9				10	
4						2					6	1	1	1					2			1	11	
5											5		1	4					7	1		2	2	
6						10					20		12				1		19	2		11	9	
7						6					5	1	2	1					15			5	3	
8						21					12	2	12	5			1		12	1		8	11	
9											4		10	1					18	1		9		
10					1	3					9			2					9	2		2		
11						6					1	1	15	2					1	2		4	2	
12						6					21		4	7					12			2		
13						3					1	1	4						11	3		8	5	
14						3					1		4	5					8	1		1		
15						11							3	1					6			3		
16						18					2		1						8	1		15		
17						34					1		1	5					5	1		6		
18						4					4		6	4			1		11			4	1	
19						18					4	2	6	10					6			2	7	
20						18			1		2	3	6	6					15	2		34	7	
21						12					4		1	5					6	2		8		
22						8					12		1	11					10	2		5		
23						8					9	1		10					2	2		7	4	
24						8					4		1	4					12	1		2		
25						10					1			4					3	1		8	1	
Total.					2	224			2		286	18	94	109			3		220	29		177	86	
Unknown.													1						1					
Non-residents.						3			1		1		3	8			1	4	10	1				
Grand Total.					2	227			3		287	18	98	117			1	7	231	30		177	86	
Corresponding month last year	1				3	216					151	27	19	153			1		237	38		70	57	

NOTE.—Also one case of smallpox at quarantine. Two cases of varicella at quarantine last year.

DEATHS REPORTED.

Month ending December 31, 1911.

WARDS.	TOTAL DEATHS FROM ALL CAUSES.	Anterior Polymyellitis.	Actinomycosis.	Asiatic Cholera.	Bubonic Plague.	Cerebro apinal Meningitis.	Diphtheria.	Glanders.	Leprosy.	Malaria.	Malignant Postule.	Measles.	Mumps.	Ophthalmia Neonatorum.	Scarlet Fever.	Smallpox.	Tetanus.	Trachoma.	Trichinosis.	Tuberculosis (Pulmonary Laryngeal and Miliary).	Other tubercular dentis.	Typhoid Fever.	Typhus Fever.	Varicella.	Whooping Cough.	Yellow Fever.	Diarrhea and Enteritis (under 2 years).	Diarrhea and Enteritis (2 years and over).	Pneumonia.	Pneumonia, Broncho.	
1	35					1													3										5	1	
2	38					1					1								2					1					6		
3	27										1								2	1				1					4		
4	13																		2	1						1		1	2		
5	22																		3	2						1		1	1		
6	34					2					2								2							2		2	2		
7	19																		2										4		
8	33																		2					1		1		4	1		
9	36																		5							1		2	3		
10	32				1														7									3	1		
11	19																		1		1								4		
12	27																		1										8		
13	46					1													8	1				1		1	1	9	2		
14	29																		4	2								1	2	1	
15	23																		2	1						1		1			
16	27					1													3	1									5		
17	47					2													7									1	7	1	
18	28																		4	1							1		1		
19	38					1													5									3	2		
20	81					1									1				7	1						7		3	8		
21	38					1													1	1						1		4			
22	31					1													4					1				2	3		
23	31																		1		1								2		
24	44					1													2	1						1		4	2		
25	31					1									1				2									1	3	2	
Total.	829					1	15					4		2					82	13	2			5		17	5	87	38		
Unknown.	5																		1												
Non-residents.	95															1	1		8	1								2	5	4	
Grand Total.	929					1	15					4		2	1	1			91	14	2			5		17	7	92	42		
Corresponding month last year	988	1				4	14					3		7					94	18	8		1	5		10	9	108	54		

ADDITIONAL DEATHS REPORTED FOR OTHER MONTHS.

CAUSES OF DEATH.	Ward Residence.	Date of death.	Additional deaths.	AGE.														SEX	
				Deaths of non-residents.														Males.	Females.
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	5 years and under 6 years.	6 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.
56. Alcoholism (acute or chronic) . . .	7	Nov.	1														1		
" " . . .	Res't	Nov.	1														1		
" " . . .	Unk	Nov.	1														1		
169. Accidental drowning	Unk	Nov.	1														1		
188. Sudden death	Unk	Nov.	1														1		
79. Organic diseases of the heart . . .	14	Sept.	1														1		
137. Puerperal Septicaemia		Nov.	1	1									1						
Stillbirths, 1 in June and 1 in Aug.																			

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	452	Cattle Condemed, 4 and Parts, . . .	2,156 lbs.
Calves "	681	Calves " 22	702 "
Sheep "	—	Sheep "	— "
Swine "	4,165	Swine " 18 and Parts, . . .	3,855 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		MISCELLANEOUS.	
Veal (tainted)	10 lbs.	Poultry (tainted)	3,818 lbs.
Beef "	35 "	Eggs (decayed)	420 doz.
Pork "	248 "	Fruit "	1 bush.
Rabbits	104 "	Fish (tainted)	25 lbs.

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.			
Samples examined	Milk from Stores		510
" " " " Wagons			648
" " " brought in by Citizens			60
" " " for bacteriological examination,			669
" " Vinegar			77
" " Butter and Cheese			49
Total Samples,			2,013

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	186	GONORRHEA:	Positive	33	
	Positive for release	149		Negative	115	
	Negative for diagnosis	1,693		Unsatisfactory	0 148	
	Negative for release	465				
	"No growth" cultures	13 2,506				
TUBERCULOSIS:	Positive	80	Other examinations: * Positive	6		
	Negative	413		Negative		83
	Unsatisfactory	0 493		Unsatisfactory		0 89
TYPHOID:	Positive	21	BACTERIOLOGICAL MILK EXAMINATIONS	669		
	Negative	97				
	Atypical	3 121				
			Total	4,157		
GLANDERS:		STRAUSS.	C. F.	AG.		
	Positive,	2	10	56	68	
	Negative,	4	6	52	62	
	Unsatisfactory. 1	0	0	1 131	SPECIAL WORK: Bacteriological examination of oysters.	

*Typhoid Urine, T. B. Pus, K-L Vir, Paratyphoid, Organisms, G-U T. B., Malaria, Ophthalmia.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of December, 1911, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY PRECIPITATION.	GENERAL ITEMS.
1	30.09	40	59	W.	0	Mean Barometer, 30.12
2	29.86	40	68	W.	0	Highest Barometer, 30.54 on the 20th.
3	30.08	36	55	W.	0	Lowest Barometer, 29.36 on the 23d.
4	30.13	27	58	N.	* T	Monthly Range of Barometer, 1.18.
5	30.32	24	52	N.W.	0	Mean Temperature, 39.4°.
6	30.26	41	59	N.W.	0	Highest Temperature, 68° on the 11th and 12th.
7	30.33	46	59	S.W.	0	Lowest Temperature, 15° on the 5th.
8	30.40	45	69	E.	0	Monthly Range of Temperature, 53°.
9	30.35	45	86	S.W.	.03	Greatest Daily Range of Temperature, 24° on the 13th.
10	30.38	52	74	W.	0	Least Daily Range of Temperature, 7° on the 24th.
11	30.33	57	79	S.W.	0	Mean Daily Range of Temperature, 12.7°.
12	30.14	61	80	S.W.	0	Mean Daily Dew-point, 28.4°.
13	29.99	49	72	S.W.	0	Mean Daily Relative Humidity, 68.7.
14	30.38	39	63	N.W.	0	Prevailing Direction of Wind, West.
15	30.12	37	96	E.	.42	Total Movement of Wind, 7,900 miles.
16	29.96	40	100	E.	.46	Highest Velocity of Wind and Direction,—48 miles from W. on the 28th.
17	30.02	40	92	N.W.	.05	Number of Foggy Days, 1. Number of Fair Days, 6.
18	30.18	34	62	N.W.	* T	Number of Clear Days, 10. Number of Cloudy Days, 15.
19	30.38	30	62	N.W.	0	Total Number of Days on which Rain or Snow fell, 8.
20	30.48	30	54	W.	0	Depth of Unmelted Snow on ground at end of month, 1.8.
21	30.37	32	62	W.N.	0	Dates of Auroras, 0. Dates of Lunar Halos, 1, 3, 5, 30.
22	30.21	40	84	E.	.31	Dates of Solar Halos, 2, 14, 24th. Thunder Storms, 0.
23	29.92	48	74	W.	1.18	Mean Maximum Temperature, 45.7. Mean Minimum Temperature, 33.0
24	29.96	40	64	W.	0	MEAN TEMPERATURE for this month in. Total Precipitation for this Month in inches
25	30.12	41	67	W.	0	1871 28 1871 3.38
26	30.04	40	69	W.	* T	1872 23 1872 3.09
27	29.48	42	84	W.	.10	1873 32 1873 5.64
28	29.74	32	40	W.	0	1874 31 1874 2.14
29	30.09	30	36	W. & N. W.	0	1875 30 1875 0.75
30	30.38	28	55	N.W.	0	1876 22 1876 3.71
31	30.04	31	94	N.W.	.52	1877 36 1877 1.32
TOTALS.....	—	—	—	—	3.07	1878 30 1878 6.76
MEANS.....	30.13	39.3	68.8	W.	0.10	1879 33 1879 4.22
						1880 27 1880 3.42
						1881 39 1881 3.30
						1882 30 1882 2.65
						1883 29 1883 3.71
						1884 34 1884 4.46
						1885 33 1885 2.04
						1886 28 1886 3.66
						1887 32 1887 2.71
						1888 35 1888 4.38
						1889 38 1889 1.83
						1890 26 1890 3.72
						1891 40 1891 3.58
						1892 30 1892 1.12
						1893 30 1893 5.16
						1894 32 1894 4.28
						1895 36 1895 2.45
						1896 30 1896 1.70
						1897 34 1897 3.92
						1898 32 1898 2.19
						1899 36 1899 1.52
						1900 33 1900 2.25
						1901 32 1901 8.49
						1902 28 1902 4.43
						1903 29 1903 2.37
						1904 26 1904 2.52
						1905 35 1905 3.23
						1906 29 1906 3.96
						1907 37 1907 4.31
						1908 33 1908 2.47
						1909 31 1909 3.19
						1910 28 1910 2.10
						1911 39 1911 3.07

Average mean temperature for 41 years, 31.6°. Average monthly precipitation for 41 years, 3.41 inches. * T indicates trace of precipitation.

ANNUAL PROVISIONAL STATEMENT OF DEATHS IN BOSTON,

With Principal Causes, for the year 1911, compared with those of 1910.

	1911.	1910.		1911.	1910.
Total No. of deaths from all causes	11,759	11,574	Diphtheria and croup	124	158
Population	688,912	673,745	Erysipelas	56	66
Annual death rate per 1,000 inhabitants,	17.07	17.18	Glanders	—	2
Deaths of nonresidents	1,349	1,280	Heart { Pericarditis	16	19
*Corrected death rate per 1,000	15.11	15.28	Heart { Endocarditis, acute	49	103
			Heart { Organic Diseases	1,312	1,032
Total No. of stillbirths	715	675	Influenza	46	69
Total deaths of children under 1 year	2,245	2,249	Measles	74	96
“ “ “ “ 2 years,	2,721	2,705	Nephritis { Acute	58	61
“ “ “ “ 5 years,	3,120	3,120	Nephritis { Chronic	747	648
Percentage of deaths under 5 years to total mortality	26.53	26.96	Pneumonia { Lobar	902	934
Total No. of deaths from diarrhoea and enteritis, under 2 years	696	645	Pneumonia { Broncho	432	442
Total No. of deaths from diarrhoea and enteritis, all ages	785	738	Pulmonary and laryngeal tuberculosis	1,067	1,163
Percentage of deaths from diarrhoea and enteritis to total mortality	6.68	6.38	Puerperal septicaemia	41	31
Anthrax	—	1	Pyæmia and septicaemia	22	22
Bronchitis	148	170	Rabies	—	—
Cancer	769	693	Rheumatism	35	56
Cerebro-spinal meningitis	33	37	Scarlet fever	74	59
Diabetes	138	135	Syphilis	55	44
Dysentery	20	14	Typhoid fever	63	78
			Whooping cough	108	52
			Violent deaths	980	788

*Nonresidents not included.

MAY 7 1917

